	Map		Alarm /			SNMP Well-	
	Byte		Notice /			Known	
XCP Alarm Number	#	Bit #	Status	Alarm Description	Detailed Definition		Developer Notes
					Inverter fault: measured inverter output voltage has		
					exceeded the upper voltage limit specification for		
0	1	0	ALM	Inverter AC Over Voltage	normal operation	WKA_INV	
					Inverter fault: measured inverter output voltage is less		
					than the lower voltage limit specification for normal		
1	1	1	ALM	Inverter AC Under Voltage	operation	WKA_INV	
					Inverter fault: measured inverter output frequency is		
2	1	2	ALM	Inverter Under Or Over Frequency	outside of either the upper or lower frequency limit specification for normal operation	WKA INV	
2	1	2		Inverter Under Of Over Frequency	Bypass fault: measured bypass input voltage has	WKA_INV	
					exceeded the upper voltage limit specification for		
3	1	3	ALM	Bypass AC Over Voltage	normal operation	WKA BNA	To be used only on those UPSs that have a separate bypass input.
		-			Bypass fault: measured bypass input voltage is less		
					than the lower voltage limit specification for normal		
4	1	4	ALM	Bypass AC Under Voltage	operation	WKA_BNA	To be used only on those UPSs that have a separate bypass input.
					Bypass fault: measured bypass input frequency is		
		1			outside of either the upper or lower frequency limit		
5	1	5	ALM	Bypass Under Or Over Frequency	specification for normal operation	WKA_BNA	To be used only on those UPSs that have a separate bypass input.
		1			Input (Utility) fault: measured input voltage has		
_		_			exceeded the upper voltage limit specification for		
6	1	6	ALM	Input AC Over Voltage	normal operation Input (Utility) fault: measured input voltage is less than	WKA_INF	
					the lower voltage limit specification for normal		
7	1	Q	ALM	Input AC Under Voltage	operation	WKA INF	
		0		input AO Onder Voltage	Input (Utility) fault: measured input frequency is		
					outside of either the upper or lower frequency limit		
8	2	0	ALM	Input Under Or Over Frequency	specification for normal operation	WKA INF	
				··· (• • • • • • • • • • • • • • • • • •	Output fault: measured output voltage has exceeded		
					the upper voltage limit specification for normal		
9	2	2 1	ALM	Output AC Over Voltage	operation	WKA_OBD	
					Output fault: measured output voltage is less than the		
10	2	2 2	ALM	Output AC Under Voltage	lower voltage limit specification for normal operation	WKA_OBD	
					Output fault: measured output frequency is outside of		
					either the upper or lower frequency limit specification		
11	2	2 3	ALM	Output Under Or Over Frequency	for normal operation The UPS has shutdown due to the activation of the	WKA_OBD	
12			ALM	Remote Emergency Power Off	remote EPO signal.	WKA OFF	
12		4			The Remote go to bypass input to the unit is active.	WINA_UFF	
		1			The UPS will remain on bypass until this signal is de-		
13	2	5	ALM	Remote Go To Bypass	activeated.	WKA OBP	
		Ī	1		A dry contact closure has been detected on the		
					building alarm 6 input. The building alarms are a set	1	
		1			of inputs that are activated via dry contacts. The user		
14	2	2 6	ALM	Building Alarm 6	may use them for any purpose.	WKA_BDA	
		1	l		A dry contact closure has been detected on the		
15	2	2 7	' ALM	Building Alarm 5	building alarm 5 input.	WKA_BDA	
	_			D. Hellow Alexand	A dry contact closure has been detected on the		
16	3	0	ALM	Building Alarm 4	building alarm 4 input.	WKA_BDA	
17	3		ALM	Building Alarm 3	A dry contact closure has been detected on the	WKA BDA	
17	3	<u> </u>			building alarm 3 input. A dry contact closure has been detected on the	WINA_DUA	
18	3	2	ALM	Building Alarm 2	building alarm 2 input.	WKA BDA	
10	- 3				A dry contact closure has been detected on the		
19	3	3	ALM	Building Alarm 1	building alarm 1 input.	WKA_BDA	
15					Static Switch fault: The static switch operating		
20	3	4	ALM	Static Switch Over Temperature	temperature has been exceeded.	WKA_TMP	
		1			Charger fault: The battery charger operating		
21	3	5	ALM	Charger Over Temperature	temperature has been exceeded.	WKA_TMP	
						. –	-

	1	-	-			
	1	_			The Charger automatically tripped off due to an alarm	
22		3	6 ALM	Charger Tripped	condition.	WKA_RCT
	1					
					Charger fault: The battery charger output is operating	
23		3	7 ALM	Charger Over Voltage Or Current	beyond either its voltage limit or its current limit.	WKA_RCT
					Inverter fault: measured inverter temperature exceeds	
	1				the upper temperature limit specification for normal	
24		4	0 ALM	Inverter Over Temperature	operation	WKA_TMP
					Output fault: The measured UPS output current limit or	
					calculated or measured power limit has been	
					exceeded for the longer than allowed by the internal	
25		4	1 ALM	Output Overload	time limit.	WKA OOL
		·			Rectifier fault: The measured rectifier input current	
					exceeds the upper current limit specification for normal	
26		1	2 ALM	Rectifier Input Over Current	operation.	WKA_FAL
20		4			Inverter fault: The measured inverter output current	
					exceeds the upper current limit specification for normal	
07				Inventor Output Over Overset		
27		4	3 ALM	Inverter Output Over Current	operation.	WKA_OOL
	1				DC Link fault: measured DC link voltage has exceeded	
	1				the upper voltage limit specification for normal	
28		4	4 ALM	DC Link Over Voltage	operation	WKA_FAL
					DC Link fault: measured DC link voltage is less than	
	1				the lower voltage limit specification for normal	
29			5 ALM	DC Link Under Voltage	operation	WKA_FAL
30			6 ALM	Check Rectifier	Rectifier fault: The rectifier appears to have failed	WKA_RCT
31		4	7 ALM	Check Inverter	Inverter fault: The inverter appears to have failed.	WKA_INV
					Battery fault: The battery contactor or relay appears to	
32		5	0 ALM	Check Battery Switchgear	have failed.	WKA_SWB
					Bypass fault: The bypass breaker or relay appears to	
33	1	5	1 ALM	Check Bypass Switchgear	have failed.	WKA SWB
	1				Charger fault: The battery charger appears to have	
34		5	2 ALM	Check Charger	failed.	WKA RCT
0.	1		1			
	1				Inverter fault: The inverter failed to ramp up its output	
35	1	5	3 ALM	Ramp Up Failed	to its normally operating point when so commanded.	WKA INV
	1	~			Static switch fault: The static switch appears to have	
36	1	5	4 ALM	Check Static Switch	failed.	WKA SWB
		<u> </u>			This indicates that the analog voltage reference for an	
37		5	5 ALM	Analog Board A/D Reference Fail	A/D converter is out of tolerance.	WKA FAL
37		5		Analog board A/D Relefence Fall		
	1	E		Byracca Lincolibrator	This is a warning that the bypass input voltage sensor	
38		5	6 ALM	Bypass Uncalibrated	has not been calibrated.	WKA_NTC
	1	_			This is a warning that the rectifier/utility input voltage	
39		5	7 NTC	Input Uncalibrated	sensor has not been calibrated.	WKA_NTC
	1				This is a warning that the system/critical output	
40	I	6	0 NTC	Output Uncalibrated	voltage sensor has not been calibrated.	WKA_NTC
					This is a warning that the inverter output voltage	
41		6	1 NTC	Inverter Uncalibrated	sensor has not been calibrated.	WKA_NTC
	1				This is a warning that the DC link voltage sensor has	
42		6	2 NTC	DC Voltage Uncalibrated	not been calibrated.	WKA_NTC
					This is a warning that the system/critical output current	
43		6	3 NTC	Output Current Uncalibrated	sensor has not been calibrated.	WKA_NTC
					This is a warning that the rectifier/utility input current	
44		6	4 NTC	Rectifier Current Uncalibrated	sensor has not been calibrated.	WKA NTC
	1		-		This is a warning that the battery current sensor has	
45	1	6	5 NTC	Battery Current Uncalibrated	not been calibrated.	WKA NTC
+5	1	-			Indicates that the inverter has failed to perform the	
	1				requested function. If it was asked to turn On, it did	
10	1	6	6 ALM	Inverter On/Off Stat Failure	not. If it was asked to turn Off, it did not.	WKA INV
46		6			Indicates that the battery is operating at maximum	
17		c	7 41 14	Botton Current Limit		
47			7 ALM	Battery Current Limit	current capability.	WKA_FAL
48		1	0 ALM	Inverter Startup Failure	An attempt to start the Inverter module failed.	WKA_INV
	1	_				
49	1	7	1 ALM	Check Analog Input Processor	inputs on a board.	WKA_FAL
					This indicates a failure in the self-test for the analog	

1   1   1   Indicates that the system/critical bus is operating at greater than 100% of its current output rating.   WKA_OOL     1   51   7   3   ALM   Output Load Over 100%   A leakage path appears to exist between a battery connection and ground.   WKA_OOL     1   7   3   ALM   Check Battery Ground   Indicates that the phase-lock-loop on a phase-controlled battery charger/rectifier is not in lock.   WKA_AWA     52   7   4   ALM   Waiting For Charger Sync   Indicates that a non-volatile memory device (Flash, EEPROM, or NVRAM) in the UPS control or communications logic has failed.   WKA_TST     53   7   5   ALM   Analog Processor Failure   This indicates that the analog-to-digital converter has failed.   WKA_FAL     54   7   6   ALM   Analog Processor Failure   expected time frame.   WKA_FAL     55   7   7   ALM   Shutdown Imminent   alarm being asserted.   WKA_SDI   Differs from Auto S/D Pending (#206): may r state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this alarm being asserted.   WKA_SDI	
51   7   3 ALM   Check Battery Ground   A leakage path appears to exist between a battery connection and ground.   WKA_FAL     52   7   4 ALM   Waiting For Charger Sync   Indicates that the phase-lock-loop on a phase-controlled battery charger/rectifier is not in lock.   WKA_AWA     52   7   4 ALM   Waiting For Charger Sync   Controlled battery charger/rectifier is not in lock.   WKA_AWA     53   7   5 ALM   Non-Volatile Memory Failure   Communications logic has failed.   WKA_TST     54   7   6 ALM   Analog Processor Failure   expected time frame.   WKA_FAL     Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time.   Differs from Auto S/D Pending (#206): may r state where the UPS will be shudown in less Notes: Optional. Asserting it will force monit	
51   7   3 ALM   Check Battery Ground   connection and ground.   WKA_FAL     52   7   4 ALM   Waiting For Charger Sync   Indicates that the phase-lock-loop on a phase- controlled battery charger/rectifier is not in lock.   WKA_AWA     1   1   Indicates that a non-volatile memory device (Flash, EEPROM, or NVRAM) in the UPS control or   WKA_TST     53   7   5 ALM   Non-Volatile Memory Failure   communications logic has failed.   WKA_TST     1   1   Analog Processor Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     1   1   Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Differs from Auto S/D Pending (#206): may r state where the UPS will be shutdown in less Notes: Optional. Asserting it will force monit	
52   7   4 ALM   Waiting For Charger Sync   Indicates that the phase-lock-loop on a phase-controlled battery charger/rectifier is not in lock.   WKA_AWA     52   7   4 ALM   Waiting For Charger Sync   Indicates that the phase-lock-loop on a phase-controlled battery charger/rectifier is not in lock.   WKA_AWA     53   7   5 ALM   Non-Volatile Memory Failure   Indicates that a non-volatile memory device (Flash, EEPROM, or NVRAM) in the UPS control or communications logic has failed.   WKA_TST     54   7   6 ALM   Analog Processor Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time.   Differs from Auto S/D Pending (#206): may r state where the UPS will be shutdown in less Notes: Optional. Asserting it will force monit	
52   7   4 ALM   Waiting For Charger Sync   controlled battery charger/rectifier is not in lock.   WKA_AWA     1   1   Indicates that a non-volatile memory device (Flash, EEPROM, or NVRAM) in the UPS control or communications logic has failed.   WKA_TST     53   7   5 ALM   Non-Volatile Memory Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     54   7   6 ALM   Analog Processor Failure   expected time frame.   WKA_FAL     Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time.   Differs from Auto S/D Pending (#206): may r state where the UPS will be shutdown in less Notes: Optional. Asserting it will force monit	
53   7   5 ALM   Non-Volatile Memory Failure   Indicates that a non-volatile memory device (Flash, EEPROM, or NVRAM) in the UPS control or communications logic has failed.   WKA_TST     54   7   6 ALM   Analog Processor Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     1   Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Differs from Auto S/D Pending (#206): may rist will force monit will force monit may continue to operate indefinitely, even with this	
53   7   5 ALM   Non-Volatile Memory Failure   Indicates that a non-volatile memory device (Flash, EEPROM, or NVRAM) in the UPS control or communications logic has failed.   WKA_TST     54   7   6 ALM   Analog Processor Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     1   1   Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Differs from Auto S/D Pending (#206): may right will force monit will force monit will force monit may continue to operate indefinitely, even with this	
53   7   5   ALM   Non-Volatile Memory Failure   EEPROM, or NVRAM) in the UPS control or communications logic has failed.   WKA_TST     53   7   5   ALM   Non-Volatile Memory Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_TST     54   7   6   ALM   Analog Processor Failure   EepRoduction or communications logic has failed.   WKA_FAL     Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Differs from Auto S/D Pending (#206): may response to the UPS will be shutdown in less Notes: Optional. Asserting it will force monit may continue to operate indefinitely, even with this   Notes: Optional. Asserting it will force monit	
53   7   5   ALM   Non-Volatile Memory Failure   communications logic has failed.   WKA_TST     1   7   6   ALM   Analog Processor Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     1   7   6   ALM   Analog Processor Failure   expected time frame.   WKA_FAL     1   Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time.   Differs from Auto S/D Pending (#206): may n state where the UPS will be shutdown in less Notes: Optional. Asserting it will force monit may continue to operate indefinitely, even with this	
54   7   6   ALM   Analog Processor Failure   This indicates that the analog-to-digital converter has failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     54   7   6   ALM   Analog Processor Failure   expected time frame.   WKA_FAL     Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time.   Differs from Auto S/D Pending (#206): may r state where the UPS will be shutdown in less than the Low Battery Warning time.     May continue to operate indefinitely, even with this   Notes: Optional. Asserting it will force monit	
failed, eg, to complete a conversion within the expected time frame.   WKA_FAL     0   ALM   Analog Processor Failure   expected time frame.   WKA_FAL     1   Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Differs from Auto S/D Pending (#206): may remember in the UPS will be shutdown in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   State where the UPS will be shutdown in less Notes: Optional. Asserting it will force monit	
54   7   6   ALM   Analog Processor Failure   expected time frame.   WKA_FAL     Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Differs from Auto S/D Pending (#206): may not state where the UPS will be shutdown in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this   Notes: Optional. Asserting it will force monit	
Indicates that the UPS has entered a state where it may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with this Notes: Optional. Asserting it will force monit	
may abruptly stop operating without further notice, in less than the Low Battery Warning time. However, it may continue to operate indefinitely, even with thisDiffers from Auto S/D Pending (#206): may r state where the UPS will be shutdown in less Notes: Optional. Asserting it will force monit	
less than the Low Battery Warning time. However, it state where the UPS will be shutdown in less   may continue to operate indefinitely, even with this Notes: Optional. Asserting it will force monit	
may continue to operate indefinitely, even with this Notes: Optional. Asserting it will force monit	not be a fault condition, but, eg, a
may continue to operate indefinitely, even with this Notes: Optional. Asserting it will force monit	s than Low Battery Warning Time.
	oring software to do a panic OS
	3
Indicates that the battery valtage and/or energy is	
Indicates that the battery voltage and/or energy is	
56 8 0 ALM Battery Voltage Low below the predetermined "low battery warning" level. WKA LBT	
Indicates that the utility input power is not within	
predetermined limits. This could be over voltage, This alarm is Required (to support Shutdown	
57 8 1 ALM Utility Out Of Limits under voltage, over or under frequency WKA_INF monitoring software to do a panic OS shutdo	wn
Indicates that the UPS has detected an abnormally	
58 8 2 ALM Output Short Circuit low impedance placed on its output. WKA_OBD	
This differs from alarm #57 in that the detect	ed voltage is (near) zero in this
59 8 3 ALM Utility Not Present Indicates that the utility input is not present. WKA_INF case.	su voltage is (ilear) zero in tris
Indicates that the battery charger is constantly on.	
This usually indicates that the battery was severely	
60 8 4 ALM Full Time Charging discharged or that the battery has failed. WKA_FAL	
Indicates that the "fast bypass" command was issued	
to the bypass control logic. "Fast bypass" applies to	
those systems that have a static switch wrapped	
61 8 5 ALM Fast Bypass Command around the bypass breaker or contactor. WKA_NOT	
It has been detected that the A/D converter has	
62 8 6 ALM A/D Error performed incorrectly. WKA FAL	
A non-recoverable error has occurred on an internal	
63 8 7 ALM Internal Communication Failure device network or node. WKA_FAL	
64 9 0 ALM Rectifier Failed Self-Test The rectifier/charger has failed self-test. WKA_RCT	
An EEPROM device contained within the rectifier	
65 9 1 ALM Rectifier EEPROM Failure module has been corrupted or failed. WKA RCT	
The device containing the code for the rectifier module	
66 9 2 ALM Rectifier EPROM Failure has failed. WKA RCT	
Indicates that the utility input power is not within	
	50 but apositionly indicates that
	be but specifically indicates that
67 9 3 ALM Input Line Voltage Loss is below its minimum normal range. WKA_INF the input voltage is out of range.	
Indicates that the battery voltage has exceeded a	
predetermined limit. Operating with this alarm set will	
likely cause permanent battery and/or system	
68 9 4 ALM Battery Voltage High damage. WKA FAL	
One or more of the control or logic power supplies in	
69 9 5 ALM Power Supply Over Temperature the UPS is operating beyond its rated temperature. WKA TMP	
One or more of the control or logic power supplies in	
70 9 6 ALM Check Power Supply the UPS appears to have failed. WKA_FAL	
The primary logic supply in the UPS appears to have	
71 9 7 ALM Check Logic Power Supply failed. WKA_FAL	
The secondary logic supply in the UPS appears to	
72 10 0 ALM Check Secondary Power Supply have failed. WKA_FAL	
Heat sink fault: the heat sink temperature at an	
unspecified module exceeds the upper temperature	
73 10 1 ALM Heatsink Over Temperature limit for normal operation WKA_TMP	
74 10 2 ALM Check Heatsink Temperature Sensor location in the UPS appears to have failed.	

10     10     21 MA     Performed Trends of Mark 1       7     10     24 MA     Check Excision France of Mark 1     Performed Trends of Performed Trends of Performed Trends of Performed Trends of Performed Trends Performed Performed Performed Trends Performed Trends Performed Trends Per				1			
78   10   4 Auto   Nector Typed   The additing the addition of the table of th					The rectifier/charger input or output current has		
77 10 5 5 M.M. Check Reddle Prover Capability A methic power capability appears tank to be failed. VMCA_RCT   78 10 6 A.M. Program Stack Enr Incent of communication frames that appears tank to source and the method of the method and the method. VMCA_PAL   79 10 7 A.M. Incent Connot Board Failed Self Test VMCA_PAL   80 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   82 11 DAM Incent Connot Real Test Test VMCA_TST   83 11 DAM Incent Connot Real Test Test Test Test Test Test Test Test	75	10	3 ALM	Rectifier Current Over 125%	exceeded 125% of its rating.	WKA_NOT	
77 10 5 5 M.M. Check Reddle Prover Capability A methic power capability appears tank to be failed. VMCA_RCT   78 10 6 A.M. Program Stack Enr Incent of communication frames that appears tank to source and the method of the method and the method. VMCA_PAL   79 10 7 A.M. Incent Connot Board Failed Self Test VMCA_PAL   80 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   81 11 DAM Incent Connot Real Table Self Test VMCA_TST   82 11 DAM Incent Connot Real Test Test VMCA_TST   83 11 DAM Incent Connot Real Test Test Test Test Test Test Test Test	76	10	4 ALM	Rectifier Tripped	The rectifier tripped off due to an alarm condition	WKA RCT	
TH Example The control or contrulnetistic firmwate has detected but the intervel groups that has been booked.   78 10 FALM intervel Control Board Failed Self Test Intervel Control Control Failed Self Test Intervel Control Failed Self Test Failed Self Test Failed Self Test Intervel Control Control Failed Self Test Intervel Control Control Failed Self Test Failed							
No. No. No. Number of the interval program takes its a verticed its a verticed interval interval program takes its a verticed its a verticed interval interval program takes its a verticed its a verticed interval program takes its a verticed its a verticed interval program takes its a verticed its a vertin vertin verticed its a verticed its a verticed its a vertin vert		10		Check nectilier rower Capacitors	A rectiller power capacitor appears to have failed.		
No. No. No. Number of the interval program takes its a verticed its a verticed interval interval program takes its a verticed its a verticed interval interval program takes its a verticed its a verticed interval program takes its a verticed its a verticed interval program takes its a verticed its a vertin vertin verticed its a verticed its a verticed its a vertin vert							
No. No. RA. All Program Sigh A. Koo Under Node of a schedule of the poort in poort in the invert model in the poort in poort of the invert model. In the poort in poort in the poort in the AD interest in the AD interes					The control or communication firmware has detected		
To   0 10 CALM Inverter Control Beard Fried Self Ted One or mow of the AL One or mow of the AL WA TST   0 11 CALM Inverter Control Beard Fried Self Ted One or mow of the AL One or mow of the AL WA TST   0 11 LAM Inverter Control Beard Fried Self Ted And Meany of the AL WA TST   0 11 LAM Nonelating Self Ted Failure And Meany of the Control Ted CPU in the Inverter module self is an in					that the internal program stack has overflowed,		
To   0 10 CALM Inverter Control Beard Fried Self Ted One or mow of the AL One or mow of the AL WA TST   0 11 CALM Inverter Control Beard Fried Self Ted One or mow of the AL One or mow of the AL WA TST   0 11 LAM Inverter Control Beard Fried Self Ted And Meany of the AL WA TST   0 11 LAM Nonelating Self Ted Failure And Meany of the Control Ted CPU in the Inverter module self is an in	78	10	6 AI M	Program Stack Error	underflowed or otherwise been corrupted	WKA FAI	
Image: Second		10	0712101	i logram otdok Enol			
BO     Fill     Outside and set and the file of the AD converters on the inverter with a transmission of the inverter of the	70					WIGA TOT	
Bit DALM Inventor AD Converter Soft Train Failure A RAM Device Soft Train Failure WKA TST   0 11 2 RAM Perspect Train Failure A least of the codespace has delected a chockeur or WKA TST Integration of the codespace has delected a chockeur or WKA TST   0 11 2 RAM Perspect Train Failure Or ear more of the C/RAM in the device operation of the device operation	/9	10	7 ALM	Inverter Control Board Failed Self-Test		WKA_ISI	
8 11 1 ALM RAM Decide SetTest Failure A RAM memory device has failed exited. MKA TST   B2 11 2 ALM Nonvolatile Data Checksum Failure The decide a function of the containing Failure WKA TST   B2 11 2 ALM Nonvolatile Data Checksum Failure A failed of a function of the containance failure WKA TST   B3 11 3 ALM Poopan Checksum Failure A failed of a functional operating code is threader WKA TST   B4 11 4 ALM Interder CPU SetTest Failed Effect and the containance failed on the containance failed failed on the containance					One or more of the A/D converters on the inverter		
Also of a data containing Fash. ESPROM, or WMAK has detected a checksum of deter harn teel programmed or low contains auspect data is a schedule and the detected a checksum or deter harn teel programmed or low contains wrKA TST   Also of a data containing Fash. ESPROM, or WMAK has detected a checksum or contained to the optical control and the detected a checksum or dispect and should be induced a checksum or dispect and should be induced a checksum or dispect and the devices generating cole is therefore induced and induced to related the devices generating cole is therefore induced to the CPUs Inthe induced as checksum or dispect and should be induced to related the network is not connected.   Bit International Should be induced to the CPUs Inthe induced to the induced to the cole of the induced to the cole of the network is not connected.   Bit International Control	80	11	0 ALM	Inverter A/D Converter Self-Test Failed	module failed self-test.	WKA TST	
Also of a data containing Fash. ESPROM, or WMAK has detected a checksum of deter harn teel programmed or low contains auspect data is a schedule and the detected a checksum or deter harn teel programmed or low contains wrKA TST   Also of a data containing Fash. ESPROM, or WMAK has detected a checksum or contained to the optical control and the detected a checksum or dispect and should be induced a checksum or dispect and should be induced a checksum or dispect and the devices generating cole is therefore induced and induced to related the devices generating cole is therefore induced to the CPUs Inthe induced as checksum or dispect and should be induced to related the network is not connected.   Bit International Should be induced to the CPUs Inthe induced to the induced to the cole of the induced to the cole of the network is not connected.   Bit International Control	81	11	1 ALM	BAM Device Self-Test Failure	A BAM memory device has failed self-test	WKA TST	
Bit     I     Z     ALM     Nonvolatie Data Checksum Failure auspert data.     WNAM has detected a checksum failure.     WNA TST       Image: S     Image: S     ALM     Nonvolatie Data Checksum Failure auspert data.     Alm et of the oddspace has detected a checksum checksum failure.     WNA TST       Image: S     Image: S     ALM     Program Checksum Failure auspert data.     Alm et of the oddspace has detected a checksum checksum failure.     WNA TST       Image: S     Image: S     ALM     Program Checksum Failure auspert data.     On or or more of the CPUs in the invester mode has the data.     WNA TST       Image: S     Image: S     ALM     Nonori Not alm of administic mode on the data.     WNA TST       Image: S     Image: S     ALM     Nonori Not alm of administic mode on the second a checked mat the network on the heather the checked data.     WNA TST       Image: S     Image: S     ALM     Nonori Not alm of administic mode on the second data.     WNA TST       Image: S     Image: S     Image: S     Alm mode on the second data.     WNA TST       Image: S     Image: S     Image: S     Image: S     Image: S       Image: S     Image: S     ALM     Nonori Neta	01		. ,	This is bottlee con root randre			
Bit     In     A     A     Newskille Data Checksum Falure     suspect of the code grantmed or row contails     W/A_TST       Bit     1     2     A     Non-vecksille Data Checksum Falure     Suspect of the code grant of the code gr							
B2 11 2 ALM Nonvolutie Data Checksum Failure usuped data WKA TST   B3 11 5 ALM Program Checksum Failure At bast of the codespace has detected a checksum of CRC error. The device's portaring code is therefore inspect and should be registered or reliabled. WKA TST   B4 11 4 ALM Program Checksum Failure and checksum CRU be registered or reliabled. WKA TST   B4 11 4 ALM Program Checksum Failure and checksum CRU be registered or reliabled. WKA TST   B4 11 6 ALM Program Checksum Failure and checksum CRU be registered as theread of the registered or reliabled. WKA TST   B5 11 6 ALM Proort Panel Self-Test Failure and checksum Cru be registered as theread of the registered of the register							
A test of the codespace has detected a checksum of CRG or or. The device's opening code is therefore WKA TST   B4 11 4 ALM member CPU Soll Test Failed Opening Code is therefore WKA TST   B4 11 4 ALM member CPU Soll Test Failed Opening Code is therefore WKA TST   B4 11 4 ALM member CPU Soll Test Failed Opening Code is the invotor on the invort o					either hasn't been programmed or now contains		
A test of the codespace has detected a checksum of CRG or or. The device's opening code is therefore WKA TST   B4 11 4 ALM member CPU Soll Test Failed Opening Code is therefore WKA TST   B4 11 4 ALM member CPU Soll Test Failed Opening Code is therefore WKA TST   B4 11 4 ALM member CPU Soll Test Failed Opening Code is the invotor on the invort o	82	11	2 ALM	Nonvolatile Data Checksum Failure	suspect data.	WKA TST	
Bit Bit Bit Bit CRC error. The device's operating code is therefore WKA TST   Bit ALM Program Checksum Failure One or more of the CPUs in the inverting code lated extension. WKA TST   Bit ALM Inverter CPU SelFiet Failed One or more of the CPUs in the inverter module lated extension. WKA TST   Bit Bit ALM Inverter CPU SelFiet Failed The three books in and connected. WKA TST   Bit Bit ALM From Panel Self-Test Failer The fortigene configuration. WKA TST   Bit Bit ALM From Panel Self-Test Failer The fortigene configuration. WKA TST   Bit ALM From Panel Self-Test Failer Asystem module or board has failed WKA TST   Bit D ALM Inverter Voltage A system module or board has failed WKA TST   Bit 1 ALM Inverter Voltage A contract on the UPS has module datam. WKA TST   Bit 1 ALM Inverter Voltage A contract on the Contract on the order							
Bit Bit Bit Bit CRC error. The device's operating code is therefore WKA TST   Bit ALM Program Checksum Failure One or more of the CPUs in the inverting code lated extension. WKA TST   Bit ALM Inverter CPU SelFiet Failed One or more of the CPUs in the inverter module lated extension. WKA TST   Bit Bit ALM Inverter CPU SelFiet Failed The three books in and connected. WKA TST   Bit Bit ALM From Panel Self-Test Failer The fortigene configuration. WKA TST   Bit Bit ALM From Panel Self-Test Failer The fortigene configuration. WKA TST   Bit ALM From Panel Self-Test Failer Asystem module or board has failed WKA TST   Bit D ALM Inverter Voltage A system module or board has failed WKA TST   Bit 1 ALM Inverter Voltage A contract on the UPS has module datam. WKA TST   Bit 1 ALM Inverter Voltage A contract on the Contract on the order							
83 11 3 LM Program Checksam Failure suspect and alloud be regiseed or registeed or regi							
Bit Core or more of the CPUs in the inverter module failed. WKA TST   Bit ALM Inverter CPU Self Test Failed One or more of the CPUs in the inverter module failed. WKA TST   Bit S ALM Network Nat Responding The retwork or the heartest function has detected that the network is not connected. WKA LST   Bit S ALM Front Paral Self Test Failure The from pare of connected function has detected that the network is not connected. WKA LST   Bit I ALM Front Paral Self Test Failure Asystem module or bord has an invalid hardware function has detected that the network is not connected. WKA LST   Bit I ALM Invalid Module Configuration Asystem module or bord has an invalid hardware function has detected to be function to respring construct portation has the respring construct					CRC error. The device's operating code is therefore		
Bit Core or more of the CPUs in the inverter module failed. WKA TST   Bit ALM Inverter CPU Self Test Failed One or more of the CPUs in the inverter module failed. WKA TST   Bit S ALM Network Nat Responding The retwork or the heartest function has detected that the network is not connected. WKA LST   Bit S ALM Front Paral Self Test Failure The from pare of connected function has detected that the network is not connected. WKA LST   Bit I ALM Front Paral Self Test Failure Asystem module or bord has an invalid hardware function has detected that the network is not connected. WKA LST   Bit I ALM Invalid Module Configuration Asystem module or bord has an invalid hardware function has detected to be function to respring construct portation has the respring construct	83	11	3 ALM	Program Checksum Failure	suspect and should be replaced or reflashed.	WKA TST	
84 81 84 84 ALM Inverter CPU Selt-Test Failed selt-test. WKA, TST   85 11 5 ALM Network Nat Responding The primarily applies to networks external to the UPS, but may apply to an intervork.   86 11 5 ALM Front Panel Sel Test Failure The fort panel or communication South has failed WKA, TST   87 11 7 ALM Invalid Module Configuration Althreas configuration WKA, TST   88 12 0 ALM Altor Test Failure The fort panel or communication bor weighing correct operation has MKA, TST   88 12 0 Altor Altor Test Failure The Panel Sel Test Failure MKA, TST   89 12 0 Altor Altor Test Failure The input phase and the predetermined imm. WKA, TST   80 12 2 ALM Input Phase Relation Error 12 (2, 0). Altor Test Failure The input phase and the indet to start a ramp-up sequence and hilled to start. WKA, TST   81 12 3 ALM Inverter Of Command The inverter on the fort correst sequence and hilled to start. WKA, TST   81 12 5 STS Inverter Of Command The inverter on the mortere oft. WKA, TST   8							
Ass There have been no packets records from the network or the hearted from the the network and the network as all cleat. This primarily applies to networks external to the UPS, but may apply to an internal UPS network.   86 11 0 ALM Front Pariel Self Test Failure A system module or bard hear an invalid headware / software antiput to be unit the internal internal to the all Cleater the network or weighing correct operation head all Cleater than the professional to the origin and the the all Cleater than the professional to the internal to the internal all Cleater than the professional to the internal to the internal all Cleater than the professional to the internal to the internal all Cleater than the professional to the internal all Cleater than the professional to the internal to the internal all Cleater than the professional to the internal all Cleater than the professional to the internal all Cleater than the professional to the internal all Cleater than the internal to internal all Cleater than the internal to internal all				Invertex CDLL Colf Test Falled		WIKA TOT	
1   5   A.M.   Network Not Responding   The therebrak function has addecided that WAT ST   This primarily applies to networks external to the UPS, but may apply to an intrained internal UPS networks.     8   11   6   A.M.   Provent Not Responding   The forth panel or communications board has laiked with a statistication.     8   11   7   A.M.   Provent Not Responding   A system module or board has a livel of divertion.   WKA TST     10   7   11   7   A.M.   Intraviet Multication.   WKA TST     10   0   A.J.M.   A system module or board has a livel of divertion.   WKA TST     11   0   A.M.   A lup State function for writing correct operation has diverted of divertion.   WKA TST     11   0   A.M.   A lup Test Failure   A DC output of the UPS has been correct sequence [1].   WKA TST     11   2   A.M.   Inverter Ramp Up Test Failed   Sequence and it likel to start.   WKA TST     11   2   A.M.   Inverter Off Command   The sequence fort a local control panel or WKA OFR   WKA OFR     11   2   A.M.   Inverter Off Command   Fort and thas been received to trum the inverter off.   WKA OFR<	84	11	4 ALIVI	Inverter GPU Sell-Test Falled		WKA_ISI	
45   11   5 ALM.   Network Not Responding   the network is not connected.   WKA_LST   Internal UPS network.     86   11   6 ALM.   From Panel Self-Test Failure   The forto panel or communications board has failed a self-test.   WKA_TST     87   11   7 ALM.   Invalid Module Configuration   A ystem module or board has an invalid hardware / a software configuration.   WKA_TST     88   12   0 ALM.   A arm Test Failure   failed to generate the expected atum.   WKA_TST     89   12   1 ALM.   Output DC Over Voltage   greater than the predetermined limb tor this voltage.   WKA_TST     90   12   2 ALM.   Input Phase Rotation Error   L2 13.   WKA_TST     91   12   3 ALM.   Input Phase Rotation Error   L2 13.   WKA_TST     92   12   4 ALM.   Inverter Rang Up Test Failed   sequence and talled to start.   WKA_TST     92   12   4 ALM.   Inverter Of Command   The command may come from a local control panel or WKA_OFR   WKA_OFR     93   12   S STS   Inverter Of Command   A command has been received to turn the inverter oft the bad from therowert to sypass. The inverter to the analyse acommand </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
45   11   5 ALM.   Network Not Responding   the network is not connected.   WKA_LST   Internal UPS network.     86   11   6 ALM.   From Panel Self-Test Failure   The forto panel or communications board has failed a self-test.   WKA_TST     87   11   7 ALM.   Invalid Module Configuration   A ystem module or board has an invalid hardware / a software configuration.   WKA_TST     88   12   0 ALM.   A arm Test Failure   failed to generate the expected atum.   WKA_TST     89   12   1 ALM.   Output DC Over Voltage   greater than the predetermined limb tor this voltage.   WKA_TST     90   12   2 ALM.   Input Phase Rotation Error   L2 13.   WKA_TST     91   12   3 ALM.   Input Phase Rotation Error   L2 13.   WKA_TST     92   12   4 ALM.   Inverter Rang Up Test Failed   sequence and talled to start.   WKA_TST     92   12   4 ALM.   Inverter Of Command   The command may come from a local control panel or WKA_OFR   WKA_OFR     93   12   S STS   Inverter Of Command   A command has been received to turn the inverter oft the bad from therowert to sypass. The inverter to the analyse acommand </td <td></td> <td></td> <td></td> <td></td> <td>network or the heartbeat function has detected that</td> <td></td> <td>This primarily applies to networks external to the UPS, but may apply to an</td>					network or the heartbeat function has detected that		This primarily applies to networks external to the UPS, but may apply to an
Best 11 6 ALM Front Panel Self-Test Failure The front panel or communications board has failed earliest. WKA TST   8 11 7 ALM Invalid Module Configuration Asystem module or board has an invalid hardware / MKA TST WKA TST   8 12 0 ALM Arm Test Failure A bystem module or board has an invalid hardware / MKA TST WKA TST   8 12 0 ALM Arm Test Failure A UPS test function for wrinfying correct operation has the index to generate the expected atam WKA TST   9 12 2 ALM Input Phase Rotation Error L2 L3. WKA TST   9 12 3 ALM input Phase Rotation Error L2 L3. WKA TST   9 12 3 ALM input Phase Rotation Error L2 L3. WKA TST   9 12 3 ALM input Phase Rotation Error L2 L3. WKA TST   9 12 3 ALM input Phase Rotation Error L2 L3. WKA TST   9 12 3 ALM input Phase Rotation Error L2 L3. WKA CST   9 12 5 STS input Phase Rotation Error L2 L3. WKA CST   9 12 5 STS	85	11	5 ALM	Network Not Responding	the network is not connected	WKA LST	
B6 111 6 LM Front Panel Self-Test Failure self-test. WKA_TST   87 111 7 ALM Invalid Module Configuration A system modulo or board has an invalid hardware? WKA_TST   88 12 0 ALM Alarm Test Failure failed to generate the system detected a larm. WKA_TST   99 12 1 ALM Output DC Over Voltage Greater than the prodetermined limit for this voltage. WKA_FAL   90 12 2 ALM Inverter Ramp Up Test Failed Sequence and it failed to statt. WKA_FAL   91 12 3 ALM Inverter Ramp Up Test Failed Sequence and it failed to statt. WKA_FAL   91 12 3 ALM Inverter Ramp Up Test Failed Sequence and it failed to control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a corronal may come from a local control panel or film a coronal may come from a local control panel or film a may come from			0 / 1211	iterrent ter teepending			
87   11   7   ALM   Invalid Madvae / Software Configuration   WKA. TST     88   12   0   ALM   Alarm Test Failure   AUPS test function for voring oprotect operation has fulled to generate the expected atam.   WKA. TST     89   12   0   ALM   Alarm Test Failure   Failed to generate the expected atam.   WKA. TST     90   12   2   ALM   Input Phase Rotation Error   L2 L3.   WKA. TST     90   12   2   ALM   Input Phase Rotation Error   L2 L3.   WKA. TST     91   12   3   ALM   Inverter Ramp Up Test Failed   sequence and i failed to start.   WKA. TST     91   12   3   ALM   Inverter Oft Command   The inverter was commanded to start a ramp-up sequence of tart and failed to start.   WKA. TST     92   12   4   ALM   Inverter Oft Command   A command has been received to turn the inverter ort.   WKA. TST     93   12   5   STST   Inverter Oft Command   A command has been received to transfer the load from the inverter ort.   WKA. OFF     94   12   6   ALM   To Bypass Command   A command						WULL TOT	
87 11 7 ALM Invalid Module Configuration software configuration. WKA, TST   88 12 0 ALM Alarm Test Failure failed to generate the expected alarm. WKA, TST   89 12 1 ALM Output DC Over Voltage oreater than the prodetaleam. WKA, FAL   90 12 2 ALM Input Phase Rotation Error L2 L3. WKA, NFT   91 12 3 ALM Inverter Ramp Up Test Failed sequence and is failed to start. WKA, NFT   91 12 3 ALM Inverter Ramp Up Test Failed sequence and is failed to start. WKA, NFT   92 12 4 ALM Inverter CM Command A command has been received to turn the inverter oft. WKA, OFR   93 12 5 STS Inverter CM Command A command has been received to turn the inverter oft. WKA, NOT   93 12 6 ALM To Bypass Command A command has been received to transfer the load from the inverter oft. WKA, NOT   94 12 6 ALM To Bypass Command A command has been received to transfer the load from bypass to the inverter. WKA, NOT   95 12 7 STS From Bypass Command A command may come. WKA, NOT   96 13 0 STS Normal Mode Command	86	11	6 ALM	Front Panel Self-Test Failure		WKA_ISI	
88 12 0 ALMPS test function for veryining correct operation has field to generate the expected atam. WKA_TST   88 12 1 ALM Output DC Over Voltage A DC output of the UPS has been detected to be greater than the predetermined limit for this voltage. WKA_FAL   90 12 2 ALM Input Phase Rotation Error U 2 WKA_FAL   91 12 3 ALM Inverter Ramp Up Test Failed The inverter was commandot to start a ramp-up sequence and it failed to start. WKA_KA_FR   91 12 3 ALM Inverter Off Command The inverter was commandot to start a ramp-up sequence and it failed to start. WKA_KA_FR   92 12 4 ALM Inverter Off Command A command has been received to turn the inverter ort.   93 12 5 STS Inverter Off Command A command has been received to transfer the load from the inverter or. WKA_OFR   93 12 5 STS Inverter On Command A command has been received to transfer the load from the inverter or. WKA_OFR   94 12 6 ALM To Bypass Command A command has been received to tarsfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source. WKA_OBP   95 12 7 STS					A system module or board has an invalid hardware /		
88 12 0 ALM Alem Test Failure A UPS test function for verying correct operation has failed to generate the expected atam. WKA_TST   89 12 1 ALM Output D C Over Voltage A DC output of the UPS has been detected to be greater than the prodetermined limit for this voltage. WKA_FAL   90 12 2 ALM Input Phase Rotation Error L2 L3.   91 12 3 ALM Inverter Ramp Up Test Failed A commanded to start a ramp-up sequence and it failed to start. WKA_NF   91 12 3 ALM Inverter Ramp Up Test Failed A commande to start a ramp-up sequence and it failed to start. WKA_NF   91 12 3 ALM Inverter Off Command A commande to scarce. WKA_NF   92 12 4 ALM Inverter Off Command A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source. WKA_OFR   93 12 5 STS Inverter On Command A command has been received to transfer the load from the inverter to hypass. This command may come from a local control panel or from the inverter. This command may come from a local control panel or from a remote source. KKA_OEP   94 12 6 ALM To Bypass Command A command has been received to tansfer the load from bypass t	87	11	7 ALM	Invalid Module Configuration	software configuration.	WKA TST	
88 12 0 ALM Alarm Test Failure Iteliel to generate the expected alarm. WKA TST   40 AD Co dupt of to UPS has been detocted to be AD Co dupt of the UPS has been detocted to be WKA FAL   90 12 2 ALM input Phase Rotation Error 12 L3). WKA INF   91 12 3 ALM inverter Ramp Up Test Failed sequence and I failed to start arms-up WKA TST   92 12 4 ALM inverter Off Command The input Phase seare not in the correct sequence (II the inverter off.) WKA CFR   93 12 5 STS inverter Off Command A command has been received to turn the inverter off. WKA OFR   93 12 5 STS inverter Off Command The input Phase seare seare to into a local control panel or from a remote source. WKA OFR   93 12 5 STS inverter Off Command A command may come from a local control panel or from a remote source. WKA OFR   94 12 6 ALM To Bypass Command A command has been received to transfer the load from the inverter on: from a local control panel or from a remote source. WKA OBP   95 12 7 STS From Bypass Command A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or fr							
88   12   I ALM   Output DC Over Voltage   A DC output DPS has been detected to be greater than the predetermined limit for this voltage.   WKA, FAL     90   12   2 ALM   Input Phase Rotation Error   12 L3).   WKA, INF     91   12   3 ALM   Inverter Ramp Up Test Failed   securoce and it failed to start.   WKA, TST     92   12   4 ALM   Inverter Ramp Up Test Failed   securoce and it failed to start.   WKA, TST     92   12   4 ALM   Inverter Off Command   na command has been received to turn the inverter off.   WKA, OFR     92   12   4 ALM   Inverter Off Command   remote source.   WKA, OFR     93   12   5 STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or Thom a remote source.   WKA, NOT     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a remote source.   WKA, OPP     95   12   7 STS   From Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a remote source.   WKA, NOT     96<	00	10		Alarm Taat Failura		WIZA TOT	
12 1 ALM Output DC Over Voltage greater than the protekermined limit for this voltage. WKA, FAL   90 12 2 ALM Input Phase Rotalion Error L2 L3). WKA INF   91 12 3 ALM Input Phase Rotalion Error L2 L3). WKA INF   91 12 3 ALM Inverter Ramp Up Test Failed The inverter was commanded to start a ramp-up WKA TST   92 12 4 ALM Inverter Of Command A command has been received to turn the inverter oft. WKA OFR   93 12 5 STS Inverter On Command This command may come from a local control panel or WKA, NOT   93 12 6 ALM To Bypass Command A command has been received to turn the inverter on. WKA, NOT   94 12 6 ALM To Bypass Command A command has been received to transfer the load from the inverter to bypass. This command may come form a local control panel or from a remote source. WKA, NOT   95 12 7 STS From Bypass Command A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source. WKA, NOT   96 13 0 STS Normal Made Command A command has been received to transfer the load from bypass to the inverter. This contained may come from a local control panel or from a remote source. <td>00</td> <td>12</td> <td>UALIVI</td> <td>Alanni Test Fallure</td> <td></td> <td>WKA_151</td> <td></td>	00	12	UALIVI	Alanni Test Fallure		WKA_151	
90   12   2 ALM   Input Phase Rotation Error   12 (13).     91   12   3 ALM   Inverter Ramp Up Test Failed   The inverter was commanded to start a ramp-up sequence and it failed to start.   WKA.INF     92   12   4 ALM   Inverter Off Command   A command has been received to turn the inverter off.   WKA.TST     92   12   4 ALM   Inverter Off Command   A command has been received to turn the inverter off.   WKA.OFR     92   12   4 ALM   Inverter Off Command   A command has been received to turn the inverter off.   WKA.OFR     93   12   5 STS   Inverter On Command   The inverter weelved to turn the inverter on.   WKA.NOT     94   12   6 ALM   To Bypass Command   From a received to transfer the load from the inverter. This command may come from a local control panel or from a remote source.   WKA.OBP     95   12   7 STS   From Bypass Command   A command has been received to transfer the load from the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   A command may come from a local control panel or							
90 12 2 ALM Input Phase Rotation Error L2 L3). WKA_INF   91 12 3 ALM Inverter Ramp Up Test Failed sequence and it failed to start. WKA_TST   91 12 3 ALM Inverter Off Command A command has been received to turn the inverter off. WKA_OFR   92 12 4 ALM Inverter Off Command This command may come from a local control panel or trins or mand may come from a local control panel or trins command may come from a local control panel or trins a trins command may come from a local control panel or trins	89	12	1 ALM	Output DC Over Voltage	greater than the predetermined limit for this voltage.	WKA_FAL	
90 12 2 ALM Input Phase Rotation Error L2 L3). WKA_INF   91 12 3 ALM Inverter Ramp Up Test Failed sequence and it failed to start. WKA_TST   91 12 3 ALM Inverter Off Command A command has been received to turn the inverter off. WKA_OFR   92 12 4 ALM Inverter Off Command This command may come from a local control panel or trins or mand may come from a local control panel or trins command may come from a local control panel or trins a trins command may come from a local control panel or trins					The input phases are not in the correct sequence (I 1		
91   12   3 ALM   Inverter Ramp Up Test Failed   The inverter was commanded to start a ramp-up sequence and it failed to start.   WKA_TST     92   12   4 ALM   Inverter Off Command   A command has been received to turn the inverter off. This command may come from a local control panel or trom a remote source.   WKA_OFR     93   12   5 STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or trom a remote source.   WKA_NOT     93   12   5 STS   Inverter On Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_NOT     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7 STS   From Bypass Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     97 <t< td=""><td>90</td><td>12</td><td>2 AL M</td><td>Input Phase Rotation Error</td><td></td><td></td><td></td></t<>	90	12	2 AL M	Input Phase Rotation Error			
91   12   3 ALM   Inverter Ramp Up Test Failed   sequence and it failed to start.   WKA_TST     92   12   4 ALM   Inverter Off Command   A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source.   WKA_OFR     93   12   5 STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source.   WKA_NOT     93   12   5 STS   Inverter On Command   A command has been received to transfer the load from the inverter to bypass. This command may come   WKA_NOT     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come   WKA_NOT     95   12   7 STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come   WKA_NOT     96   13   0 STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a termote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   Panel of the source.   WKA_OFR     97   13   1 A	30	12					
92   12   4 ALM   Inverter Off Command   A command has been received to turn the inverter off. This command may come from a local control panel or from a remote source.   WKA_OFR     93   12   5 STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source.   WKA_NOT     93   12   5 STS   Inverter On Command   From a remote source.   WKA_NOT     94   12   6 ALM   To Bypass Command   from a local control panel or from a remote source.   WKA_OBP     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     95   12   7 STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   The setup switch has been received to find a local control panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Com							
92   12   4 ALM   Inverter Off Command   This command may come from a local control panel or from a remote source.   WKA OFR     93   12   5   STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source.   WKA_NOT     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   From a local control panel or from a remote source.   WKA_OBP     95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source. <td< td=""><td>91</td><td>12</td><td>3 ALM</td><td>Inverter Ramp Up Test Failed</td><td>sequence and it failed to start.</td><td>WKA_TST</td><td></td></td<>	91	12	3 ALM	Inverter Ramp Up Test Failed	sequence and it failed to start.	WKA_TST	
92   12   4 ALM   Inverter Off Command   This command may come from a local control panel or from a remote source.   WKA OFR     93   12   5   STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source.   WKA_NOT     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   From a local control panel or from a remote source.   WKA_OBP     95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source. <td< td=""><td></td><td></td><td></td><td></td><td>A command has been received to turn the inverter off.</td><td></td><td></td></td<>					A command has been received to turn the inverter off.		
92   12   4 ALM   Inverter Off Command   from a remote source.   WKA_OFR     93   12   5 STS   Inverter On Command   A command has been received to turn the inverter on. This command may come from a local control panel or from a remote source.   WKA_NOT     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come   WKA_OBP     95   12   7 STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   An Emergency Power Off (EPO) command has been received to shutdown the UPS immediately without delay. This command may come from a local control panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR							
93   12   5 STS   Inverter On Command   A command may come from a local control panel or trom a remote source.     94   12   6 ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a remote source.   WKA_NOT     94   12   6 ALM   To Bypass Command   from a local control panel or from a remote source.   WKA_OBP     95   12   7 STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7 STS   From Bypass Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97	00	10		Investor Off Commond			
93   12   5   STS   Inverter On Command   This command may come from a local control panel or from a remote source.   WKA_NOT     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   A nemergency Power Off (EPO) command has been received to begin automatic normal at emote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   Panel of from a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown	92	12	4 ALIVI			WKA_UFK	
93   12   5   STS   Inverter On Command   from a remote source.   WKA_NOT     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a remote source.   WKA_OBP     95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a loc							
93   12   5   STS   Inverter On Command   from a remote source.   WKA_NOT     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a remote source.   WKA_OBP     95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a loc					This command may come from a local control panel or		
94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from the inverter to bypass. This command may come from a local control panel or from a remote source.   WKA_OBP     95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a local control panel or from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     98	93	12	5 STS	Inverter On Command		WKA NOT	
94   12   6   ALM   To Bypass Command   from the inverter to bypass. This command may come from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM							
94   12   6   ALM   To Bypass Command   from the inverter to bypass. This command may come from a remote source.   WKA_OBP     94   12   6   ALM   To Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     95   12   7   STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM					A second has been used to due to set the the		
94   12   6 ALM   To Bypass Command   from a local control panel or from a remote source.   WKA_OBP     95   12   7 STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     95   12   7 STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     98   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR							
95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a local c					from the inverter to bypass. This command may come		
95   12   7   STS   From Bypass Command   A command has been received to transfer the load from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a local c	94	12	6 ALM	To Bypass Command	from a local control panel or from a remote source.	WKA OBP	
95   12   7   STS   From Bypass Command   from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   WKA_OFR					· · · · · · · · · · · · · · · · · · ·	_	
95   12   7   STS   From Bypass Command   from bypass to the inverter. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   WKA_OFR					A command has been reached to transfer the land		
95   12   7   STS   From Bypass Command   from a local control panel or from a remote source.   WKA_NOT     1   1   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     1   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1   ALM   Emergency Shutdown Command   The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   WKA_OFR							
96   13   0 STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   The setup switch has been activated of in   The setup switch has been activated of in							
96   13   0 STS   Normal Mode Command   A command has been received to begin automatic normal reverse transfer UPS operation. This command may come from a local control panel or from a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   The setup switch has been activated of in   The setup switch has been activated of in	95	12	7 STS	From Bypass Command	from a local control panel or from a remote source.	WKA_NOT	
96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0 STS   Normal Mode Command   a remote source.   WKA_NOT     97   13   1 ALM   Emergency Shutdown Command   panel or from a local control panel or source.   WKA_OFR     97   13   1 ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     1   1   1   1   1   1   1   1     1   1   1   1   1   1   1   1     1   1   1   1   1   1   1   1   1     1							
96   13   0   STS   Normal Mode Command   a remote source.   WKA_NOT     96   13   0   STS   Normal Mode Command   An Emergency Power Off (EPO) command has been received to shutdown the UPS immediately without delay. This command may come from a local control   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     1   1   ALM   Emergency Shutdown Command   The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   WKA_OFR							
96   13   0   STS   Normal Mode Command   a remote source.   WKA NOT     An Emergency Power Off (EPO) command has been received to shutdown the UPS immediately without delay. This command may come from a local control panel or from a remote source.   WKA_NOT     97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in							
An Emergency Power Off (EPO) command has been received to shutdown the UPS immediately without delay. This command may come from a local control panel or from a remote source. The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in							
An Emergency Power Off (EPO) command has been received to shutdown the UPS immediately without delay. This command may come from a local control panel or from a remote source. The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in	96	13	0 STS	Normal Mode Command		WKA_NOT	
97   13   1   ALM   Emergency Shutdown Command   received to shutdown the UPS immediately without delay. This command may come from a local control panel or from a remote source.   WKA_OFR     1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     1   The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   The setup source instead of in   The setup source instead of in					An Emergency Power Off (EPO) command has been		
97   13   1   ALM   Emergency Shutdown Command   delay. This command may come from a local control panel or from a remote source.   WKA_OFR     1   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     1   1   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     1   1   1   1   1   1   1   1     1   1   1   1   1   1   1   1   1     1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
97   13   1   ALM   Emergency Shutdown Command   panel or from a remote source.   WKA_OFR     Image: Comparison of the setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in   WKA_OFR					,		
The setup switch has been activated. This indicates that the UPS is currently in setup mode instead of in							
that the UPS is currently in setup mode instead of in	97	13	1 ALM	Emergency Shutdown Command		WKA_OFR	
that the UPS is currently in setup mode instead of in					The setup switch has been activated. This indicates		
yor is a low the alarm functions of the UPS.		10		Satur Switch Open			This clarm has been used in the past to test the clarm functions of the UDO
	98	13	21110	Setup Switch Open	normal operating mode.	WKA_NTC	This alarm has been used in the past to test the alarm functions of the UPS.

Here     Add     Here description from the decimal frame of the d							
9     11     2     ALV     Invester AC Der Volge (Internet)     Production (Internet)     MVA       100     13     4     ALV     Invester AC User Volge (Internet)     Production (Internet)     MVA       101     13     4     ALV     Invester AC User Volge (Internet)     Production (Internet)     MVA       102     13     5     ALV     Answer Control (Internet)     Production (Internet)     Production (Internet)       103     14     ALV     Answer Control (Internet)     Production (Interne)     Production (Int					An immediate-mode interrupt has occurred indicating		
9     11     2     ALV     Invester AC Der Volge (Internet)     Production (Internet)     MVA       100     13     4     ALV     Invester AC User Volge (Internet)     Production (Internet)     MVA       101     13     4     ALV     Invester AC User Volge (Internet)     Production (Internet)     MVA       102     13     5     ALV     Answer Control (Internet)     Production (Internet)     Production (Internet)       103     14     ALV     Answer Control (Internet)     Production (Interne)     Production (Int					that the inverter output voltage has exceeded a		
Image: Second	99	13	3 ALM	Inverter AC Over Voltage (Interrupt)		WKA INV	
Hat be notice using wing in a setup of the setup of t	55	10	5 ALIM	inventer AO Over Voltage (interrupt)			
100     110     4     M     Invester AC Under Voltage (interrup)     Interdation of the MA Note in Data and optime for the MA Note in Data and Note in Data and optime for the MA Note in Data and Note MA Note					,		
Mr. Immediate-roots interrupt has occurred indicating that etcher the DC wholes of the UPS A Copyot will be enter 15 and etcher the DC wholes of the UPS and it is carrent im.     WA. F.H.       100     110     1					that the inverter output voltage has dropped below a		
Inst. else the DC in working or the UPS AC output     Max. Sec.       101     5     ALM     Seconds DCOMACOV (Interrupt)     Press. 2016 UPS AC output     WGA. FA       102     13     FALM     Seconds DCOMACOV (Interrupt)     Press. 2016 UPS AC output is a corrent Intel.     WGA. FA       103     13     FALM     Interest I Carrent Limit     Press. 2016 UPS Contrast Intel TMS AC OC       103     14     ALM     Interest I Carrent Limit     Press. 2016 UPS Contrast Intel TMS AC OC       103     14     ALM     Interest TS Carrent Limit     Press. 2016 UPS Contrast Intel TMS AC OC       104     14     ALM     Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OC       105     14     ALM     Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OC       105     14     ALM     Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OC       106     14     ALM     Sectors Out The UPS Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OUT CONTRAST INTEL I	100	13	4 ALM	Inverter AC Under Voltage (Interrupt)	predetermined limit.	WKA INV	
Inst. else the DC in working or the UPS AC output     Max. Sec.       101     5     ALM     Seconds DCOMACOV (Interrupt)     Press. 2016 UPS AC output     WGA. FA       102     13     FALM     Seconds DCOMACOV (Interrupt)     Press. 2016 UPS AC output is a corrent Intel.     WGA. FA       103     13     FALM     Interest I Carrent Limit     Press. 2016 UPS Contrast Intel TMS AC OC       103     14     ALM     Interest I Carrent Limit     Press. 2016 UPS Contrast Intel TMS AC OC       103     14     ALM     Interest TS Carrent Limit     Press. 2016 UPS Contrast Intel TMS AC OC       104     14     ALM     Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OC       105     14     ALM     Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OC       105     14     ALM     Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OC       106     14     ALM     Sectors Out The UPS Sectors Out C1 Telenons     Press. 2016 UPS Contrast Intel TMS AC OUT CONTRAST INTEL I					An immediate-mode interrupt has occurred indicating		
Image: Second							
101     15     ALM     Altabase DCOV/ACCV (Interrupt)     privat     Privat PL     Privat PL <td< td=""><td></td><td></td><td></td><td></td><td>ě í</td><td></td><td></td></td<>					ě í		
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113   15   1   ALM   reverter Voltage Feedback Error   value.   WKA_INV     114   15   2   ALM   DC Under Voltage Timeout   The DC link has been in an undervoltage state for a period long enough to invoke a critical action hander.   WKA_FAL     115   15   3   ALM   AC Under Voltage Timeout   The AC output has been in an undervoltage state for a period long enough to invoke a critical action hander.   WKA_FAL     116   15   4   ALM   DCU While Charger Is Full On   The AC output has been in an undervoltage state for a period long enough to invoke a critical action hander.   WKA_FAL     116   15   4   ALM   DCU While Charger Is Full On   Ymasove Is minimum operating (Under Wick, FAL   WKA_FAL     117   15   5   ALM   inverter Voltage Bias Error   Too high.   WKA_FAL   WKA_FAL     119   15   7   ALM   System Interface Board   On a multi-phase system, interface board appears to have WKA_FAL   WKA_FAL     110   15   7   ALM   System Interface Board   Primarily for parallel systems, this indicates that the WKA_FAL   WKA_FAL     110   15   7   ALM   Chock System Interface Board	112	15	0 ALM	DC/DC Converter Tripped		WKA_FAL	
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115   15   3 ALM   AC Under Voltage Timeout   The AC output has been in an undervoltage state for a period long enough on invoke a critical action handler.   WKA FAL     116   15   4 ALM   DCUV While Charger Is Full On   The charger Is unable to supply proving the provide interview of the involter a critical action handler.   WKA FAL     117   15   5 ALM   Inverter Voltage Bias Error   The DC component of the inverter output waveform is to to high.   WKA INV     118   15   6 ALM   Input Phase Rotation   Ot a multi-phase system, the utility input phases are util of sequence.   WKA INF     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the sindicates that the WKA BNA     120   16   0 ALM   Check System Interface Board   system interface board state and the system state at the disc.   WKA FAL     121   16   14   ALM   Check Parallel Board   The board state and ological appears to have failed.   WKA FAL     122   16   2 ALM   Coss Of Load Sharing Phase L1   por parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A   WKA LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   For parallel sy	114	15	2 AI M	DC Under Voltage Timeout	period long enough to invoke a critical action handler	WKA FAI	
115 15 3 ALM AC Under Voltage Timeout period long enough to invoke a critical action handler. WKA_FAL   116 15 4 ALM DCUV While Charger Is Full On The Charger is unable to supply enough energy to raise that DC link above its minimum operating (Under Voltage) level. WKA_FAL   117 15 5 ALM Inverter Voltage Bias Error The DC component of the inverter output waveform is WKA_INV WKA_INV   118 15 6 ALM Input Phase Rotation On a multi-phase system, the utility input phases are out of sequence. WKA_INF   119 15 7 ALM Bypass Phase Rotation On a multi-phase system, the utility input phases are out of sequence. WKA_BNA   120 16 0 ALM Check System Interface Board Primally for parallel systems, this indicates that the ups system. WKA_PAL   121 16 1 ALM Check Parallel Board The board used for parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B. WKA_LOR   122 16 2 ALM Loss Of Load Sharing Phase L1 phase B. For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B. WKA_LOR   123 16 3 ALM Loss Of Load Sharing Phase L2 phase B. WKA_LOR   124 16 4 ALM Los			271211	Be chidel tollage inneedd	ponod long onodgin to intene a ontioar action handlon		
115 15 3 ALM AC Under Voltage Timeout period long enough to invoke a critical action handler. WKA_FAL   116 15 4 ALM DCUV While Charger Is Full On The Charger is unable to supply enough energy to raise that DC link above its minimum operating (Under Voltage) level. WKA_FAL   117 15 5 ALM Inverter Voltage Bias Error The DC component of the inverter output waveform is WKA_INV WKA_INV   118 15 6 ALM Input Phase Rotation On a multi-phase system, the utility input phases are out of sequence. WKA_INF   119 15 7 ALM Bypass Phase Rotation On a multi-phase system, the utility input phases are out of sequence. WKA_BNA   120 16 0 ALM Check System Interface Board Primally for parallel systems, this indicates that the ups system. WKA_PAL   121 16 1 ALM Check Parallel Board The board used for parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B. WKA_LOR   122 16 2 ALM Loss Of Load Sharing Phase L1 phase B. For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B. WKA_LOR   123 16 3 ALM Loss Of Load Sharing Phase L2 phase B. WKA_LOR   124 16 4 ALM Los							
116   15   4 ALM   DCUV While Charger Is Full On   The charger is minimum operating (Under Voltage) level.   WKA FAL     117   15   5 ALM   Inverter Voltage Bias Error   Too high.   WKA INV     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the utility input phases are output sease are output sease are output sease are output sease system.   WKA INF     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the bypass input phases are output sease are output sease are output sease system.   WKA INF     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are output sease are output sease are output sease system.   WKA INF     120   16   0 ALM   Check System Interface Board   Primarily for parallel systems, this indicates that the bard used for parallel systems, this indicates that the URKA FAL     121   16   1 ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA LOR     122   16   2 ALM   Loss Of Load Sharing Phase L1   Phase A.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B.   WKA LOR     123   16							
116   15   4 ALM   DCUV While Charger Is Full On   Voltage) level.   WKA_FAL     117   15   5 ALM   Inverter Voltage Bias Error   The DC component of the inverter output waveform is too high.   WKA_IAL     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA_INV     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA_INF     119   15   7 ALM   Bypass Phase Rotation   Out of sequence.   WKA_INF     119   15   7 ALM   Bypass Phase Rotation   Out of sequence.   WKA_INF     120   16   0 ALM   Check System Interface Board   System interface board appears to have failed.   WKA_FAL     121   16   1 ALM   Check Parallel Board   Tailed.   WKA_FAL     122   16   2 ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on power module can no longer perform load sharing on phase A. <td< td=""><td>115</td><td>15</td><td>3 ALM</td><td>AC Under Voltage Timeout</td><td>period long enough to invoke a critical action handler.</td><td>WKA_FAL</td><td></td></td<>	115	15	3 ALM	AC Under Voltage Timeout	period long enough to invoke a critical action handler.	WKA_FAL	
116   15   4 ALM   DCUV While Charger Is Full On   Voltage) level.   WKA_FAL     117   15   5 ALM   Inverter Voltage Bias Error   The DC component of the inverter output waveform is too high.   WKA_IAL     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA_INV     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA_INF     119   15   7 ALM   Bypass Phase Rotation   Out of sequence.   WKA_INF     119   15   7 ALM   Bypass Phase Rotation   Out of sequence.   WKA_INF     120   16   0 ALM   Check System Interface Board   System interface board appears to have failed.   WKA_FAL     121   16   1 ALM   Check Parallel Board   Tailed.   WKA_FAL     122   16   2 ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on power module can no longer perform load sharing on phase A. <td< td=""><td></td><td></td><td></td><td></td><td>The charger is unable to supply enough energy to</td><td></td><td></td></td<>					The charger is unable to supply enough energy to		
116   15   4 LLM   DCUV While Charger Is Full On   Voltage) level.   WKA, FAL     117   15   5 ALM   Inverter Voltage Bias Error   too high.   WKA, INV     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA, INF     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA, INF     119   15   7 ALM   Bypass Phase Rotation   Out of sequence.   WKA, FAL     120   16   0 ALM   Check System Interface Board   System interface board appears to have failed.   WKA, FAL     121   16   1 ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA, LOR     122   16   2 ALM   Loss Of Load Sharing Phase L2   phase A.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA, LOR     123   16   3 ALM   Loss Of Load Sharing Phase L3   phase A.   WKA, LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   phase C.							
117   15   5   ALM   Inverter Voltage Bias Error   The DC component of the inverter output waveform is too high.   WKA_INV     118   15   6   Input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA_INF     119   15   7   ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA_INF     120   16   0   ALM   Check System Interface Board   system interface board appears to have failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA_FAL     122   16   2   ALM   Loss Of Load Sharing Phase L1   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     123   16   5   ALM   Loss Of Load Sharing P		. –					
117   15   5 ALM   Inverter Voltage Bias Error   too high.   WKA_INV     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA INF     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA INF     120   16   0 ALM   Check System Interface Board   system interface board oppears to have failed.   WKA FAL     121   16   1 ALM   Check System Interface Board   system interface board oppears to have failed.   WKA FAL     122   16   2 ALM   Loss Of Load Sharing Phase L1   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B.   WKA LOR     124   16   4 ALM   Loss Of Load Sharing Phase L2   phase C.   WKA LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     124   16   5 ALM   DC Over Voltage Timeout	116	15	4 ALM	DCUV While Charger Is Full On		WKA_FAL	
117   15   5 ALM   Inverter Voltage Bias Error   too high.   WKA_INV     118   15   6 ALM   Input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA INF     119   15   7 ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA INF     120   16   0 ALM   Check System Interface Board   system interface board oppears to have failed.   WKA FAL     121   16   1 ALM   Check System Interface Board   system interface board oppears to have failed.   WKA FAL     122   16   2 ALM   Loss Of Load Sharing Phase L1   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B.   WKA LOR     124   16   4 ALM   Loss Of Load Sharing Phase L2   phase C.   WKA LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     124   16   5 ALM   DC Over Voltage Timeout					The DC component of the inverter output waveform is		
118   15   6 ALM   input Phase Rotation   On a multi-phase system, the utility input phases are out of sequence.   WKA INF     119   15   7 ALM   Bypass Phase Rotation   Out of sequence.   WKA BNA     120   16   0 ALM   Check System Interface Board   Primarily for parallel systems, this indicates that the system interface board appears to have failed.   WKA FAL     121   16   1 ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA_FAL     122   16   1 ALM   Check Parallel Board   Ealed.   WKA_LOR     122   16   2 ALM   Loss Of Load Sharing Phase L1   power module can no longer perform load sharing on phase A.   WKA_LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     124   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   pha	117	15	5 ALM	Inverter Voltage Bias Error	too hiah	WKA INV	
118 15 6 ALM Input Phase Rotation out of sequence. WKA INF   119 15 7 ALM Bypass Phase Rotation On a multi-phase system, the bypass input phases are out of sequence. WKA BNA   120 16 0 ALM Check System Interface Board Primarily for parallel systems, this indicates that the system interface board appears to have failed. WKA FAL   121 16 0 ALM Check Parallel Board The board used for paralleling control appears to have failed. WKA FAL   121 16 2 ALM Loss Of Load Sharing Phase L1 phase A. WKA VKA   122 16 2 ALM Loss Of Load Sharing Phase L2 phase A. WKA VKA   123 16 3 ALM Loss Of Load Sharing Phase L2 phase B. WKA VKA   124 16 4 ALM Loss Of Load Sharing Phase L2 phase C. WKA VKA   124 16 4 ALM Loss Of Load Sharing Phase L3 phase C. WKA VKA   124 16 4 ALM Loss Of Load Sharing Phase L3 phase C. WKA VKA   124 16 5 ALM DC Over Voltage Timeout period long enough to invoke a critical action handier. WKA LOR			071211	Interter Tentage Blae Ener			
119   15   7   ALM   Bypass Phase Rotation   On a multi-phase system, the bypass input phases are out of sequence.   WKA BNA     120   16   0   ALM   Check System Interface Board   system interface board appears to have failed.   WKA FAL     121   16   1   ALM   Check Parallel Board   The board used for parallel systems, this indicates that the UPS power module can no longer perform load sharing on phase A.   WKA FAL     122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase A.   WKA LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase A.   WKA LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase A.   WKA LOR     124   16   5   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     125   16   5   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     125   16 <td< td=""><td></td><td>. –</td><td></td><td></td><td></td><td></td><td></td></td<>		. –					
119   15   7   ALM   Bypass Phase Rotation   out of sequence.   WKA   BNA     120   16   0   ALM   Check System Interface Board   System Interface Board appears to have failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA_FAL     121   16   2   ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     124 <td< td=""><td>118</td><td>15</td><td>6 ALM</td><td>Input Phase Rotation</td><td></td><td></td><td></td></td<>	118	15	6 ALM	Input Phase Rotation			
119   15   7   ALM   Bypass Phase Rotation   out of sequence.   WKA   BNA     120   16   0   ALM   Check System Interface Board   System Interface Board appears to have failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA_FAL     121   16   2   ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     124 <td< td=""><td></td><td></td><td>1</td><td></td><td>On a multi-phase system, the bypass input phases are</td><td>e</td><td></td></td<>			1		On a multi-phase system, the bypass input phases are	e	
120   16   0   ALM   Check System Interface Board   system interface board appears to have failed.   WKA FAL     121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA FAL     121   16   1   ALM   Check Parallel Board   failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   failed.   WKA_FAL     122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     124   16   5   ALM   DC Over Voltage Timeout   period long enough to invoke a critical action handler.   WKA_FAL     125   16   6   ALM   Battery Totally Discharged   The battery has been discharged to its maximum   WKA_BDC     126   16	110	15	7 ALM	Bypass Phase Botation			
120   16   0   ALM   Check System Interface Board   system Interface board appears to have failed.   WKA FAL     121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA FAL     121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA FAL     121   16   1   ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA LOR     122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     125   16   5   ALM   DC Over Voltage Timeout   period long enough to invoke a critical action handler.   WKA LOR     125   16   6   ALM   Battery Totally Discharge	119	13	, , \LIVI				
121   16   1   ALM   Check Parallel Board   The board used for paralleling control appears to have failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA_LOR     122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     125   16   5   ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     125   16   6   ALM   Battery Totally Discharged   The battery has been discharged to its maximum   WKA_BDC     126   16   6   ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC							
121   16   1   ALM   Check Parallel Board   failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA_LOR     122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     124   16   5   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     125   16   5   ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     125   16   5   ALM   Battery Totally Discharged   The battery has been discharged to its maximum   WKA_BDC     126   6   ALM   Battery Totally Discharged   The phase offset component of the inverter output <td>120</td> <td>16</td> <td>0 ALM</td> <td>Check System Interface Board</td> <td></td> <td></td> <td></td>	120	16	0 ALM	Check System Interface Board			
121   16   1   ALM   Check Parallel Board   failed.   WKA_FAL     121   16   1   ALM   Check Parallel Board   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA_LOR     122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     124   16   5   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     125   16   5   ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     125   16   5   ALM   Battery Totally Discharged   The battery has been discharged to its maximum   WKA_BDC     126   6   ALM   Battery Totally Discharged   The phase offset component of the inverter output <td></td> <td></td> <td></td> <td></td> <td>The board used for paralleling control appears to have</td> <td></td> <td></td>					The board used for paralleling control appears to have		
122   16   2 ALM   Loss Of Load Sharing Phase L1   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase A.   WKA LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   WKA LOR     123   16   3 ALM   Loss Of Load Sharing Phase L2   phase B.   WKA LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     124   16   5 ALM   DC Over Voltage Timeout   phase C.   WKA LOR     125   16   5 ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC	191	16	1 ALM	Check Parallel Board			
122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase A.   WKA_LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on power module can no longer perform load sharing on the prover module can no longer perform load sharing on power module can no longer perform load sharing on prover module can no longer perform load sharing on prover module can no longer perform load sharing on prover module can no longer perform load sharing on prover module can no longer perform load sharing on prover module can no longer pe	121	10					
122   16   2   ALM   Loss Of Load Sharing Phase L1   phase A.   WKA LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA LOR     123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA LOR     123   16   4   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA LOR     125   16   5   ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     125   16   5   ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6   ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC			1			1	
123   16   3 ALM   Loss Of Load Sharing Phase L2   Por parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B.   WKA_LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC			1		power module can no longer perform load sharing on	1	
123   16   3 ALM   Loss Of Load Sharing Phase L2   Por parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase B.   WKA_LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC	122	16	2 ALM	Loss Of Load Sharing Phase L1	phase A.	WKA LOR	
123   16   3 ALM   Loss Of Load Sharing Phase L2   power module can no longer perform load sharing on phase B.   WKA_LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     124   16   4 ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC							
123   16   3   ALM   Loss Of Load Sharing Phase L2   phase B.   WKA_LOR     124   16   4   ALM   Loss Of Load Sharing Phase L3   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     125   16   5   ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6   ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged to its maximum   WKA_BDC     126   16   6   ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC			1			1	
124   16   4 ALM   Loss Of Load Sharing Phase L3   For parallel systems, this indicates that this UPS power module can no longer perform load sharing on phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged to its maximum     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output			1			1	
124   16   4 ALM   Loss Of Load Sharing Phase L3   power module can no longer perform load sharing on phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC	123	16	3 ALM	Loss Of Load Sharing Phase L2		WKA_LOR	
124   16   4 ALM   Loss Of Load Sharing Phase L3   power module can no longer perform load sharing on phase C.   WKA_LOR     125   16   5 ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC					For parallel systems, this indicates that this UPS		
124   16   4   ALM   Loss Of Load Sharing Phase L3   phase C.   WKA_LOR     125   16   5   ALM   DC Over Voltage Timeout   The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler.   WKA_FAL     126   16   6   ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged to its maximum   WKA_BDC     126   16   6   ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC			1			1	
125 16 5 ALM DC Over Voltage Timeout The DC link has been in an overvoltage state for a period long enough to invoke a critical action handler. WKA_FAL   126 16 6 ALM Battery Totally Discharged The battery has been discharged to its maximum discharged state. WKA_BDC   126 16 6 ALM Battery Totally Discharged The phase offset component of the inverter output WKA_BDC				Less Of Least Charles Diversity			
125   16   5 ALM   DC Over Voltage Timeout   period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC	124	16	4 ALM	Loss Of Load Sharing Phase L3	pnase G.	WKA_LOR	
125   16   5 ALM   DC Over Voltage Timeout   period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC			1			1	
125   16   5 ALM   DC Over Voltage Timeout   period long enough to invoke a critical action handler.   WKA_FAL     126   16   6 ALM   Battery Totally Discharged   The battery has been discharged to its maximum discharged state.   WKA_BDC     126   16   6 ALM   Battery Totally Discharged   The phase offset component of the inverter output   WKA_BDC			1		The DC link has been in an overvoltage state for a	1	
126 16 6 ALM Battery Totally Discharged The battery has been discharged to its maximum discharged state. WKA_BDC   The phase offset component of the inverter output	105	16	5 AL M	DC Over Voltage Timeout			
126 16 6 ALM Battery Totally Discharged discharged state. WKA_BDC   The phase offset component of the inverter output	125	10	JALIVI				
The phase offset component of the inverter output			1			1	
The phase offset component of the inverter output	126	16	6 ALM	Battery Totally Discharged	discharged state.	WKA_BDC	
Izri ioj rialivi linvenei Friase dias Erion - jiwaveiorin is out or controlladie fange IWNA_INV	107	10	7 41 14	Invertor Phase Pice Error			
	127	16	/ ALIVI	Inventer Phase Blas Error	wavelorm is out of controllable range.	WKA_INV	

<b>I</b>			1			1
100	17	0 41 44		The DC component of the inverter output waveform is		Durliante et elever #117
128 129	17 17	0 ALM 1 STS	Inverter Voltage Bias Error DC Link Bleed Complete	too high. The DC link bleed-down is complete.	WKA_INV WKA NOT	Duplicate of alarm #117
129	17	1515	DC LINK Bleed Complete	The DC link bleed-down is complete.	WKA_NOT	
				Deced of the surrout execution state of the shower		
100	47			Based of the current operating state of the charger,		
130	17	2 ALM	Large Charger Input Current		WKA_NOT	
	. –			During inverter ramp up, the inverter output voltage		
131	17	3 ALM	Inverter Voltage Too Low For Ramp Level	has not stayed within the expected limit band.	WKA_INV	
				For an "n+1" parallel system, the load is supported,		Eg, due to loss of a module. See also #225 Redundancy Loss Due To
132	17	4 ALM	System Not Redundant		WKA_LOR	Overload
				For a parallel system, this module has detected that		
133	17	5 ALM	Loss Of Sync Bus	the sync bus is not active.	WKA_FAL	
				The rectifier input breaker has been intentionally shunt		
				tripped. This is usually due to an emergency power off		
134	17	6 ALM	Rectifier Switchgear Shunt Tripped	command.	WKA_BRK	
				In a phase-controller charger, the charger is not		
				synchronized to its input voltage. This implies that the		
135	17	7 ALM	Loss Of Charger Sync	charger is not working at this time.	WKA FAL	
136	18	0 ALM	Inverter Low Level Test Timeout		WKA TST	
137	18	1 ALM	Output Switchgear Open	The UPS output breaker or relay is open.	WKA NOO	
				Control power has been applied. This status is set		
				when the controls first power up. It is used to record		
138	18	2 STS	Control Power Status		WKA NOT	
139	18	3 STS	Inverter Status	The inverter is on.	WKA NOT	
140	18	4 STS	Charger Status		WKA NOT	
140	18	5 STS	Bypass Status		WKA NOT	
141	10	5 515	Bypass Status	The bypass is on. The bypass input has insufficient power available to	WRA_NOT	
140	10		Bypass Power Loss			
142	18	6 ALM	Bypass Power Loss	supply the current load.	WKA_BNA	
1.10	10	7 41 44	Malatana Barana Mada	The load is being supplied power by a wrap-around		
143	18	7 ALM	Maintenance Bypass Mode	maintenace bypass switch.	WKA_OMB	
				The bypass has been given a manual turn off		
144	19	0 STS	Bypass Manual Turn Off	command.	WKA_NOT	
				The inverter is being used to bleed the DC link voltage		
145	19	1 STS	Inverter Bleeding DC Link Voltage	down to a safe level.	WKA_NOT	
				One of the Central Processing Units (CPU or control		
				microprocessor) has erroneously entered one of its		
				Interrupt Service Routines (ISR), implying that it has		
146	19	2 ALM	CPU ISR Error		WKA_FAL	
				The system has gone through a firmware self-restart		
147	19	3 NTC	Firmware Restarted	(ie, warmboot)	WKA_NTC	
148	19	4 STS	Parallel DC	The DC busses are operating in parallel	WKA_NOT	
				A battery problem has been detected. It may need to		
				be replaced, or its connections and fuses need to be		
149	19	5 ALM	Check Battery	checked.	WKA BBD	
150	19	6 STS	Battery Charging		WKA NOT	
151	19	7 NTC	Battery Not Charged		WKA NTC	
			,	The battery time remaining calculation and/or reporting		
152	20	0 STS	Battery Time Calculation Disabled	has been disabled.	WKA NOT	
1.02	20	0010		This is unique to the Series 7000, indicating that is a		
153	20	1 STS	Series 7000 Enable		WKA NOT	
155	20	1313		In a parallel system, this indicates that one of the		
4.5.4	20	2 STS	Other UPS On	other LIPSe in ourrently on	WKA NOT	
154	20	2010			WKA_NUT	
	~	0.070	Devellet leverter	Two or more inverters are currently operating in		
155	20	3 STS	Parallel Inverter	parallel.	WKA_NOT	
				This UPS is in parallel operation with at least one other		
156	20	4 STS	UPS In Parallel		WKA_NOT	
150				An Output Breaker or Relay appears to have failed;		
		_1	Check Output Switchgear	may be stuck either open or closed with this alarm.	WKA_SWB	
157	20	5 ALM	oncer output ownengear			
	20	5 ALM	oneek output ownengear	Control power has been removed. This alarm is either		
	20	5 ALM	oneek output ownengear	Control power has been removed. This alarm is either set when the controls detect that they have lost or are		
	20	5 ALM				

				1	1	
				The load on this UPS output phase (1) exceeds the		
				rated current or power of the UPS. If On Inverter, the		
				UPS may transfer to Bypass or shutdown after a		
159	20	7 ALM	L1 Overload	timeout period of some minutes.	WKA OOL	
	_0	, ,,_,,,	21 0101044	The load on this UPS output phase (2) exceeds the		
				rated current or power of the UPS. If On Inverter, the		
				UPS may transfer to Bypass or shutdown after a		
160	21	0 ALM	L2 Overload	timeout period of some minutes.	WKA_OOL	
				The load on this UPS output phase (3) exceeds the		
				rated current or power of the UPS. If On Inverter, the		
				UPS may transfer to Bypass or shutdown after a		
161	01	1 41 44	L 2 Overland			
161	21	1 ALM	L3 Overload	timeout period of some minutes.	WKA_OOL	
				The load on this UPS output phase (1) exceeds its		
				rated current or power by a substantial amount. The		
				inverter can only sustain this overload for a short time		
162	21	2 ALM	L1 Overload (High Level)	(seconds) without shutting down due to overheating.	WKA OOL	
102	21			(seconds) without shutting down due to overheating.	WKA_OOL	
				The load on this UPS output phase (2) exceeds its		
				rated current or power by a substantial amount. The		
				inverter can only sustain this overload for a short time		
163	21	3 ALM	L2 Overload (High Level)	(seconds) without shutting down due to overheating.	WKA OOL	
163	21	3 ALIVI	Le Ovendau (High Level)	(Seconds) without shutting down due to overneating.	WINA_UUL	
				The load on this UPS output phase (3) exceeds its		
				rated current or power by a substantial amount. The	1	
				inverter can only sustain this overload for a short time		
164	21	4 ALM	L3 Overload (High Level)	(seconds) without shutting down due to overheating.	WKA OOL	
104	21		Lo Overload (High Level)		WINA_OOL	
				The load on this UPS output phase (1) exceeds its		
				rated current or power by an extreme amount. The		
				inverter cannot sustain this excessive overload and will		
				shut down immediately or within seconds, transferring		
165	21	5 ALM	L1 Overload (Extreme Level)	the load to bypass, if available.	WKA OOL	
103	21				WINA_OOL	
				The load on this UPS output phase (2) exceeds its		
				rated current or power by an extreme amount. The		
				inverter cannot sustain this excessive overload and will		
				shut down immediately or within seconds, transferring		
166	21	6 ALM	L2 Overload (Extreme Level)	the load to bypass, if available.	WKA OOL	
100		0712101		The load on this UPS output phase (3) exceeds its	MIN_OOL	
				rated current or power by an extreme amount. The		
				inverter cannot sustain this excessive overload and will		
				shut down immediately or within seconds, transferring		
167	21	7 ALM	L3 Overload (Extreme Level)	the load to bypass, if available.	WKA OOL	
107	- 1			The UPS is drawing power from the battery in order to		
				power the load. This alarm is not activated during non-	1	
				alarming On Battery events, such as Quick Battery		This alarm is Required (to support Shutdown). Activating this alarm will
168	22	0 ALM	UPS On Battery	Test or Tap Switching.	WKA_OBT	eventually result in an OS shutdown.
				The UPS is on bypass. The critical load does not		
169	22	1 ALM	UPS On Bypass	have protection against power loss or disturbances.	WKA OBP	
103				No power is being provided to the load (load dump).		
				This alarm is used to record the date and time of a		
170	22	2 ALM	Load Dumped (Load Power Off)	power off event.	WKA_OFF	
	I T			The inverter is supplying power to the load. This may		
				be true even if the UPS is on battery or bypass is not		
171	22	3 STS	Load On Inverter	available.	WKA NOT	
171	22	3 3 1 3				
					1	
				A load control command to turn ON the/an output has		
				been issued to the UPS (may be with a delay). This		
172	22	4 STS	Load Power On Command Received	alarm is used to record the date and time of this event.	WKA NOT	
172	22	- 010				
				A load control command to turn OFF the/an output has		
				been issued to the UPS (may be with a delay). This		
					NULLA NOT	
173	22	5 STS	Load Off Command Received	alarm is used to record the date and time of this event.	WKA NOT	

	_			The UPS has shutdown due to running on battery for a	
 174	22	6 ALM	Low Battery Shutdown		WKA_BDC
				The UPS state is set so that it will power up	
175	22	7 STS	Auto On Enabled	automatically when input power is applied.	WKA_NOT
				In a multi-module system or internally to a UPS with	
				multiple controllers, the firmware versions in place are	
 176	23	0 ALM	Software Incompatibility Detected	not compatible with each other.	WKA_TST
				The temperature sensor in the inverter module	
 177	23	1 ALM	Check Inverter Temperature Sensor	appears to have failed.	WKA_TMP
				The UPS has been started on battery when AC input	
				power is not present. This alarm is used to record the	
 178	23	2 STS	DC Start Occurred		WKA_NOT
179	23	3 STS	In Parallel Operation	The UPS is operating in normal parallel mode.	WKA_NOT
				The inverter output waveform is being synchronized	
180	23	4 STS	Syncing To Bypass		WKA_NOT
181	23	5 STS	Ramping UPS Up	The UPS is being started up.	WKA_NOT
	Т			The built-in delay before starting the inverter up is	
182	23	6 STS	Inverter On Delay	running.	WKA_NOT
183	23	7 STS	Rectifier Starting	The rectifier is starting up.	WKA_NOT
				Used only when an auto-restart is enabled. The UPS	
				controls are powered but the UPS can not start	
184	24	0 ALM	Waiting For Utility Input	because input power is not yet present.	WKA_AWA
				This is set during UPS ramp up when the UPS is ready	
185	24	1 STS	Close Bypass Switchgear	for the user to close the bypass breaker.	WKA NOT
				The load was automatically transferred to bypass to	
186	24	2 ALM	Emergency Transfer To Bypass	protect the load.	WKA OBP
				Used in parallel systems, this indicates that the local	
				inverter is being phase locked to the critical bus	
187	24	3 STS	Syncing To Output	waveform.	WKA NOT
				Check for a Bypass failure, including faults like static	
188	24	4 ALM	Check Bypass		WKA SWB
				A LOAD OFF Command, entered by the operator or	
				communication device, has been executed. The UPS	
				will not turn On automatically, but the operator must	
189	24	5 ALM	Load Off Command Executed		WKA ORQ
. 50				A LOAD ON Command has been entered by the	
				operator or communication device. The UPS or	
				Output will turn On automatically when input power is	
190	24	6 STS	Load Power On Command Executed		WKA NOT
100				A battery test has been executed and the results	
				appear to indicate that the battery has failed and	
191	24	7 ALM	Battery Test Failed	needs to be replaced.	WKA BBD
131	24			At least one fuse in the UPS has failed and needs to	
192	25	0 ALM	Check Fuse		WKA FUS
192	25	1 ALM	Check Fan		WKA_F0S
100	25			There is a fault in the input wiring, other than Phase	
194	25	2 ALM	Site Wiring Fault	Rotation; e.g., Ground/Neutral reversed.	WKA FAL
134	20		one winning Fault	The contactor or relay designed to prevent voltage	
				from backfeeding out from the UPS input appears to	
195	25	3 ALM	Check Backfeed Switchgear	have failed.	WKA SWB
 190	20	3 ALIVI	OHECK DACKIEEU OWICHIgear	On a line-interactive UPS, the input voltage is too high	
				for the desired output range so the transformer tap has	5
100	~-	4 0 7 0		been changed to lower the effective input voltage to	
 196	25	4 STS	On Buck/Voltage Reducer	match the output voltage.	WKA_NOT
				On a line-interactive UPS, the input voltage is too low	
				for the desired output range so the transformer tap has	S
	-			been changed to raise the effective input voltage to	
197	25	5 STS	On Boost/Voltage Step Up	match the output voltage.	WKA_NOT

					On a line interactive LIDE the insut welfare in		1
					On a line-interactive UPS, the input voltage is	1	
					extremely low for the desired output range so the	1	
					transformer tap has been changed to raise the		
					effective input voltage to the maximum possible in		
	198	25	6 STS	On Double Boost/Voltage Step Up	order to match the output voltage.	WKA_NOT	
	Т				The UPS has detected that (some of) the Batteries are	1	
					not connected and there is no or seriously reduced		
	199	25	7 ALM	Batteries Disconnected	backup power.	WKA BBD	
					The temperature inside the UPS cabinet or enclosure		
	200	26	0 ALM	UPS Cabinet OverTemperature	has exceeded its upper limit.	WKA TMP	
	200		0 / 1211		An Input or Output Transformer used by the UPS has		
	201	26	1 ALM	Transformer OverTemperature	exceeded its upper temperature limit.	WKA TMP	
	201	20			An ambient temperature probe has detected that the		
	202	26	2 ALM	Ambient UnderTemperature	temperature is below its lower limit.	wka атв	
	202	20	2 ALIVI	Ambient Under remperature		WKA_AID	
					An ambient temperature probe has detected that the		
	203	26	3 ALM	Ambient OverTemperature	temperature is above its upper limit.	WKA_ATB	
	204	26	4 ALM	Cabinet Door Open	The door or cover of the UPS has been opened.	WKA_BDA	
					The door or cover of the UPS has been opened, and	1	
					dangerous voltages are present which could shock	1	
	205	26	5 ALM	Cabinet Door Open With Voltage Present	anyone touching them.	WKA_BDA	
					A condition exists in the UPS which will lead to the	1	
					loss of power to the loads in less than the Low Battery	1	Unlike Shutdown Imminent (#55), due to fault like Overload while On Battery.
					Warning Time, unless the condition is cleared /		Note: This alarm is optional; however, if it is implemented, activating this alarm
	206	26	6 ALM	Automatic Shutdown Pending	removed.	WKA SDP	will force monitoring software to do a panic OS shutdown.
	200	_0	<b>U</b>	- Internatio Chataonin Fonding	A fault has been detected in the relays which switch		
	207	26	7 ALM	Tap-Switching Relay Failure	transformer taps.	WKA SWB	
	201	20			The charger circuit has determined this; may be due to		
	000	07		Useble To Observe Dation	bad batteries or open circuit in connections to the		
	208	27	0 ALM	Unable To Charge Batteries	batteries.	WKA_RCT	
					User attempted to start up the UPS but the system		
					was unable to comply. It is most likely that the EPO is		
					being continuously asserted. The user may need to		
	209	27	1 ALM	Startup Failed - Check EPO Reset	activate the EPO Reset button to clear this condition.	WKA FAL	
					This is a warning that the UPS has a scheduled		
					automatic startup condition pending. The UPS could		
	010	27	2 ALM	Automatic Startup Pending		WKA AWA	
	210	21		Automatic Startup Fending	turn on at any time without any additional warning. The UPS has detected that a modem connected to it	WKA_AWA	
						1	
					has failed or the UPS is unable to communicate with		
	211	27	3 ALM	Check Modem	the modem.	WKA_LST	
					A modem connected to the UPS has received an	1	
					incoming call and has begun to negotiate a	1	
	212	27	4 STS	Incoming Modem Call Started	connection.	WKA_NOT	
					A modem connected to the UPS has gone off hook	1	
					and has begun to either dial a number or negotiate a	1	
	213	27	5 STS	Outgoing Modem Call Started	connection.	WKA NOT	
					A modem connected to the UPS has established a		
	214	27	6 STS	Modem Connection Established	connection with a remote modem or paging service.	WKA NOT	
	214		0010		A modem connected to the UPS has successfully		
						1	
		c7	7.070	Madea Oall Osmalatistica	completed an entire transaction sequence as		
	215	27	7 STS	Modem Call Completed Successfully	expected.	WKA_NOT	
					A modem connected to the UPS has failed to	1	
					successfully complete a transaction sequence as	1	
	216	28	0 ALM	Modem Call Completion Failed	expected.	WKA_LST	
					Input or Utility fault: The input or utility breaker	1	
	217	28	1 ALM	Check Input Switchgear	appears to have failed.	WKA SWB	
				P	The UPS is undergoing a startup delay caused by the		
					necessity to initialize various internal values, load code	1	
	218	28	2 STS	System Initialization In Progress	modules, etc.	WKA NOT	(AKA "Inverter EEP Loading")
	210	20	2010	System milianzation in Flogress	An attempt to automatically (re-) calibrate the UPS has		(ANA INVERTE LUQUINY )
1				Autocalibration Failed		WKA_TST	
	219	28	3 ALM				

					1	
				A UPS module has been automatically removed from a		
				parallel system, usually due to improper load sharing		
220	28	4 ALM	Selective Trip Of Module	or other fault.	WKA_MOD	
				The inverter output has failed, and cannot support the		
				load. The reasons for this alarm are, for example:		
				inverter over or under voltage, over or under		
				frequency, distorted waveform, output out-of window,		
221	28	5 ALM	Inverter Output Failure		WKA INV	
	20	JALIM		The UPS has detected an inappropriate voltage at its		
				output before it is providing output. For example: some		
				output voltage is detected before the UPS is supplying		
				output power; in a parallel system, the output voltage		
222	28	6 ALM	Abnormal Output Voltage At Startup	is not in an acceptable range.	WKA_OBD	
				Rectifier fault: temperature of a rectifier component		Differs from #249 Rectifier Over-Temperature Trip in that this may be just a
223	28	7 ALM	Rectifier OverTemperature	has exceeded its upper temperature limit.	WKA TMP	warning.
				Improper system configuration has been detected. The	_	
				reasons for this alarm are, for example: unmatched		
				power rating data, conf data out of limits, improper sub-		
224	29	0 ALM	Configuration Error	unit identification, etc	WKA_FAL	
				The specified power rating of an "n+1" parallel system		
				has been exceeded. The load is supported, but the		
				system lacks redundant protection while this overload		
225	29	1 ALM	Redundancy Loss Due To Overload		WKA LOR	See also #132 System Not Redundant
	20			On systems with dual AC inputs, the power is		
				currently being supplied by the Alternate (not the		
	~					
226	29	2 ALM	On Alternate AC Source	Preferred) Source.	WKA_ALT	
227	29	3 STS	In High Efficiency Mode	UPS is operating in High Efficiency Mode.	WKA_NOT	
				Cautionary Alert: If non-zero, there is at least one		
				notice-level condition active at the System level at this		Has the value of the action level of the highest notice that is currently active.
228	29	4 NTC	System Notice Active	time.	WKA NTC	Does not include critical alarms (i.e., those in the System Alarm)
				Critical Alert: If non-zero, there is at least one severe		Has the value of the action level of the highest critical alarm that is currently
229	29	5 ALM	System Alarm Active	alarm active at the system level at this time.	WKA ALM	active. Does not include Notice alarms.
223	23	JALIM	System Alam Active			
				On systems with a separate alternate power source		
				(eg, dual AC inputs), that alternate power source is		
				currently not available to support the load if the		
230	29	6 ALM	Alternate Power Source Not Available	primary power source (eg, utility) fails.	WKA_ANA	
				In a double bridge rectifier, the current from the two		
				bridges is unbalanced. This may be due to a fault in		
231	29	7 ALM	Current Balance Failure	one of the rectifiers or to incorrect configuration.	WKA FAL	
201	25			An air filter may need replacement and must be		
				checked. This notice may be simply a periodic		
232	30	0 NTC	Check Air Filter	reminder from the UPS.	WKA_NTC	
				Cautionary Alert: If non-zero, there is at least one		Has the value of the action level of the highest subsystem notice that is
				notice-level condition active at a subsystem level at		currently active. Does not include critical alarms (i.e., those in the Subsystem
233	30	1 NTC	Subsystem Notice Active	this time.	WKA NTC	Alarm) and might not trigger the System Notice.
			,			Has the value of the action level of the most critical subsystem alarm that is
				If non-zero, there is at least one alarm active in a		currently active. Does not include Notice alarms. Might not trigger the System
	~~		Subovotom Alorm Astint			
234	30	2 ALM	Subsystem Alarm Active	subsystem at this time.	WKA_ALM	Alarm if the problem is handled by other modules.
				The Charger On Command was entered by the		
235	30	3 STS	Charger On Command	operator or a communication device.	WKA_NOT	
				The Charger Off Command was entered by the		
236	30	4 STS	Charger Off Command	operator or a communication device.	WKA_NOT	
237	30	5 STS	UPS Normal	The UPS is in its normal operating mode of operation.	WKA NOT	
237	30	6 ALM		The Inverter phases are rotated (on the output).	WKA_NOT	
238	30	0 ALIVI	Inverter Phase Rotation		WINA_OBD	
				This UPS module is not supplying power to the Load; if		
	1			other modules are available, they may be providing		
239	30	7 NTC	UPS Module Off	load power.	WKA_NTC	
				A non-recoverable error has occurred on an external		
240	31	0 ALM	External Communication Failure	device network or node.	WKA LST	
				A system module or board has an invalid hardware		
	1					
	0.1		Involid Roard ID			
241	31	1 ALM	Invalid Board ID	address, type, or node ID.	WKA_FAL	
241				address, type, or node ID. Inverter fault: The inverter breaker or relay appears to	_	
	31 31	1 ALM 2 ALM	Invalid Board ID Check Inverter Switchgear	address, type, or node ID. Inverter fault: The inverter breaker or relay appears to	WKA_FAL WKA_SWB	

1				The UPS output power limit, measured in Watts, has		
				been exceeded for the longer than allowed by the		
243	31	3 ALM	Output Watts Overload	internal time limit.	WKA OOL	
244	31	4 ALM	Check Precharge	The Precharge circuit appears to have failed.	WKA FAL	
	• •					
245	31	5 STS	Rectifier Status	The Rectifier is On and operating in its normal mode.	WKA NOT	
243	31	5515	Rectiller Status		WRA_NOT	
				The Neutral regulator current exceeded the internal		
246	31	6 NTC	Neutral Current Limit	limit.	WKA_NTC	
				The Battery contactor or breaker is disconnected and		
247	31	7 ALM	Close Battery Switchgear	there is no or seriously reduced backup power.	WKA_BBD	
				The power source for the UPS is currently a		
248	32	0 ALM	UPS On Generator	Generator.	WKA ALT	
			Rectifier Over-Temperature Trip	The rectifier has exceeded its rated operating		Differs from #223 Rectifier OverTemperature in that this is a full alarm
249	32	1 ALM		temperature and automatically shutdown.	WKA TMP	condition.
210	02	1712111		The temperature sensor in the rectifier module	TTO _ TIM	Sonation.
050	00		Charly Destifier Terreseture Concer			
250	32	2 ALM	Check Rectifier Temperature Sensor	appears to have failed.	WKA_TMP	
			Inverter Switchgear Status	When true, indicates that the Inverter contactor,		
251	32	3 STS		breaker or switch is closed.	WKA_NOT	Opposite sense of #108 Inverter Switchgear Open
			Rectifier Switchgear Status	When true, indicates that the rectifier contactor,		
252	32	4 STS		breaker or switch is closed.	WKA_NOT	
			Bypass Switchgear Status	When true, indicates that the bypass contactor,	_	
253	32	5 STS	,	breaker or switch is closed.	WKA NOT	
200		5.0.0	Battery Switchgear Status	When true, indicates that the battery contactor,		
254	32	6 STS	Battery Switchgear Status	breaker or switch is closed.	WKA NOT	
234	32	0 313			WKA_NUT	
			Backfeed Switchgear Status	When true, indicates that the backfeed contactor,		
255	32	7 STS		breaker or switch is closed.	WKA_NOT	
						May be followed by #149 Check Battery or #191 Battery Test Failed, or #258
256	33	0 NTC	Battery Test in Progress	A Battery Test has begun.	WKA_NTC	Test Aborted.
257	33	1 NTC	System Test in Progress	One of the Systems Tests has begun.	WKA NTC	May be followed by #258 Test Aborted or some test-related alarm.
				A Battery or Systems Test has been aborted while	_	
				running due to conditions or operator command, or		This is normally just an event to be logged, not a persistent status, since it's
258	33	2 STS	Test Aborted	was inhibited from starting.	WKA NTC	hard to say when it would end.
230	00	2010	Test Aborted	The input current on rectifier phase L1 has exceeded		
050			Destificant 4.0 month list?			
259	33	3 NTC	Rectifier L1 Current Limit	its limit.	WKA_NTC	
				The input current on rectifier phase L2 has exceeded		
260	33	4 NTC	Rectifier L2 Current Limit	its limit.	WKA_NTC	
				The input current on rectifier phase L3 has exceeded		
261	33	5 NTC	Rectifier L3 Current Limit	its limit.	WKA NTC	
				In a parallel configuration, there are not enough UPMs		
				in the Ready state to allow the system to go online.		
				in the ready state to anoth the system to go shinter		
				The system cannot transfer to LIPS protection until		
262	22	C AL M	Nat Ensuch LIDMa Doody	The system cannot transfer to UPS protection until		
262	33	6 ALM	Not Enough UPMs Ready	The system cannot transfer to UPS protection until more UPMs become Ready.	WKA_MOD	
263	33	7 NTC	Modem Call Aborted		WKA_NTC	
263 264	33 34	7 NTC 0 NTC	Modem Call Aborted Transformer OverTemperature Warning		WKA_NTC WKA_TMP	
263 264 265	33 34 34	7 NTC 0 NTC 1 ALM	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss		WKA_NTC WKA_TMP WKA_OBD	
263 264	33 34 34 34	7 NTC 0 NTC 1 ALM 2 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD		WKA_NTC WKA_TMP WKA_OBD WKA_NTC	
263 264 265	33 34 34 34 34	7 NTC 0 NTC 1 ALM	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss		WKA_NTC WKA_TMP WKA_OBD	
263 264 265 266	33 34 34 34	7 NTC 0 NTC 1 ALM 2 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD		WKA_NTC WKA_TMP WKA_OBD WKA_NTC	
263 264 265 266 267 267 268	33 34 34 34 34 34 34	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 267 268 269	33 34 34 34 34 34 34	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD Output L1 High THD		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 267 268 269 269 270	33 34 34 34 34 34 34 34	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD Output L1 High THD Output L2 High THD		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 270 271	33 34 34 34 34 34 34 34 34 34	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD Output L1 High THD Output L2 High THD Output L2 High THD Output L3 High THD		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 271 271 272	33 34 34 34 34 34 34 34 34 34 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Neutral Overload Warning		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 270 271 271 272 273	33 34 34 34 34 34 34 34 34 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Neutral Overload Warning Neutral Overload		WKA_NTC WKA_CBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL	
263 264 265 266 267 268 269 270 271 271 272 273 273 274	33 34 34 34 34 34 34 34 34 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 6 NTC 0 NTC 0 NTC 1 ALM 2 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Ground Current Warning		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_ODL WKA_NTC	
263 264 265 266 267 268 269 270 270 271 271 272 273	33 34 34 34 34 34 34 34 34 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L1 High THD Output L1 High THD Output L2 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Ground Current Warning Ground Current Overload		WKA_NTC WKA_CBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL	
263 264 265 266 267 268 269 270 271 271 272 273 273 274	33 34 34 34 34 34 34 34 34 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 6 NTC 0 NTC 0 NTC 1 ALM 2 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Ground Current Warning		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_ODL WKA_NTC	
263 264 265 266 267 268 269 270 270 271 272 273 273 273 273 274 275 276	33 34 34 34 34 34 34 34 34 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Ground Current Warning Ground Current Overload Input Voltage L1 THD Warning		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL WKA_NTC WKA_OOL WKA_NTC	
263 264 265 266 267 268 269 270 271 271 272 273 274 275 275 276 277	33 34 34 34 34 34 34 34 34 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 0 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Ground Current Warning Ground Current Overload Input Voltage L1 THD Warning Input Voltage L2 THD Warning		WKA_NTC WKA_TMP WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL WKA_OOL WKA_NTC WKA_ODL WKA_NTC	
263 264 265 266 267 268 269 270 271 271 272 273 274 275 276 276 277 278	33 34 34 34 34 34 34 34 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 0 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 6 NTC 6 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Input L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Warning Neutral Overload Ground Current Warning Input Voltage L1 THD Warning Input Voltage L3 THD Warning		WKA_NTC WKA_CBD WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL WKA_NTC WKA_OOL WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 271 271 272 273 274 275 276 277 277 278 277 278	33 34 34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 5 NTC 6 NTC 6 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 6 NTC 5 NTC 6 NTC 7 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Ground Current Warning Ground Current Overload Input Voltage L1 THD Warning Input Voltage L3 THD Warning Input Voltage L3 THD Warning Input Current L1 THD Warning		WKA_NTC WKA_CBD WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL WKA_NTC WKA_OOL WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 270 271 272 273 274 275 275 276 277 275 276 277 277 278 279 280	33 34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 5 NTC 6 NTC 7 NTC 0 NTC	Modem Call Aborted     Transformer OverTemperature Warning     Output Line Voltage Loss     Input L1 High THD     Input L2 High THD     Output L1 High THD     Output L3 High THD     Output L2 High THD     Output L3 High THD     Output L3 High THD     Output L3 High THD     Neutral Overload     Ground Current Warning     Ground Current Varning     Input Voltage L1 THD Warning     Input Voltage L2 THD Warning     Input Voltage L3 THD Warning     Input Voltage L3 THD Warning     Input Voltage L3 THD Warning     Input Current L1 THD Warning     Input Current L2 THD Warning		WKA_NTC WKA_CBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_OOL WKA_NTC WKA_ODL WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 271 272 273 273 274 275 275 276 277 277 278 279 279 280 281	33 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 6 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 1 ALM 2 NTC 1 ALM 1	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Warning Ground Current Warning Ground Current Overload Input Voltage L1 THD Warning Input Voltage L2 THD Warning Input Voltage L3 THD Warning Input Current L1 THD Warning Input Current L3 THD Warning Input Current L3 THD Warning		WKA_NTC WKA_OBD WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 270 271 272 273 273 274 275 276 276 277 278 279 278 279 280 281 282	33 34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 6 NTC 6 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 2 NTC 1 NTC 0 NTC 1 NTC 1 NTC 1 NTC 2 NTC 1 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L1 High THD Output L1 High THD Output L2 High THD Output L3 High THD Output L3 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Warning Ground Current Warning Ground Current Warning Input Voltage L1 THD Warning Input Voltage L3 THD Warning Input Current L1 THD Warning Input Current L2 THD Warning Output Voltage L1 THD Warning		WKA_NTC WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_ODL WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 271 272 273 273 274 275 275 276 277 277 278 279 279 280 281	33 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 6 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 1 ALM 2 NTC 1 ALM 1	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L3 High THD Output L1 High THD Output L2 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Warning Ground Current Warning Ground Current Overload Input Voltage L1 THD Warning Input Voltage L2 THD Warning Input Voltage L3 THD Warning Input Current L1 THD Warning Input Current L3 THD Warning Input Current L3 THD Warning		WKA_NTC WKA_OBD WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	
263 264 265 266 267 268 269 270 270 271 272 273 273 274 275 276 276 277 278 279 278 279 280 281 282	33 34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	7 NTC 0 NTC 1 ALM 2 NTC 3 NTC 4 NTC 5 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 6 NTC 6 NTC 6 NTC 7 NTC 0 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 1 ALM 2 NTC 3 ALM 4 NTC 5 NTC 2 NTC 1 NTC 0 NTC 1 NTC 1 NTC 1 NTC 2 NTC 1 NTC	Modem Call Aborted Transformer OverTemperature Warning Output Line Voltage Loss Input L1 High THD Input L2 High THD Output L1 High THD Output L1 High THD Output L2 High THD Output L3 High THD Output L3 High THD Output L3 High THD Output L3 High THD Neutral Overload Warning Neutral Overload Warning Ground Current Warning Ground Current Warning Input Voltage L1 THD Warning Input Voltage L3 THD Warning Input Current L1 THD Warning Input Current L2 THD Warning Output Voltage L1 THD Warning		WKA_NTC WKA_OBD WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_ODL WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC WKA_NTC	

285	36	5 NTC	Output Current L1 THD Warning		WKA_NTC	
286		6 NTC	Output Current L2 THD Warning		WKA_NTC	
287	36	7 NTC	Output Current L3 THD Warning		WKA_NTC	
288	37	0 ALM	Panel L1 Voltage Phase Loss			PDU alarms, not supported in PowerMIB
289	37	1 ALM	Panel L2 Voltage Phase Loss			
290	37	2 ALM	Panel L3 Voltage Phase Loss			
291	37	3 ALM	Panel L1 Under Voltage			
292	37	4 ALM	Panel L2 Under Voltage			
293	37	5 ALM	Panel L3 Under Voltage			
294	37	6 ALM	Panel L1 Over Voltage			
295		7 ALM	Panel L2 Over Voltage			
296	38	0 ALM	Panel L3 Over Voltage			
290	38	1 ALM	Panel Under Frequency			
297		2 ALM	Panel Over Frequency			
290	30	2 ALIVI	Farier Over Frequency	A Device Of the H Device the second stability of the		
				A Branch Circuit Breaker has exceeded the current		
299	38	3 NTC	Branch Circuit Overload Warning	overload warning level.		PDU alarms, not supported in PowerMIB
				A Branch Circuit Breaker has exceeded the current		
300	38	4 ALM	Branch Circuit Overload	overload alarm level.		
				The Current Transformer (CT) for a Branch Circuit is		
301	38	5 ALM	Branch Circuit CT Disconnected	not connected / open circuited.		
				The Panel's Main Circuit Breaker has exceeded the		
302	38	6 NTC	Main Circuit Breaker Overload Warning	current overload warning level.		
				The Panel's Main Circuit Breaker has exceeded the		
303	38	7 ALM	Main Circuit Breaker Overload	current overload alarm level.		
	00	, , , , , , , , , , , , , , , , , , , ,	Main Onodi, Bioditor Oronodu	The Primary/Main/System/Input Breaker is in the Open		
304	39	0 NTC	Primary Breaker Open	position.	WKA NTC	
	- 55	01110	Thindry Dreaker Open	The Primary/Main/System/Input Breaker has tripped		
305	39	1 ALM	Primary Prestory Trianed	due to current overload.		
305	39	I ALIVI	Primary Breaker Tripped		WKA_BRK	
				The Secondary/Output Breaker is in the Open		
306	39	2 NTC	Secondary Breaker Open	position.	WKA_NTC	
				The Secondary/Output Breaker has tripped due to		
307	39	3 ALM	Secondary Breaker Tripped	current overload.	WKA_BRK	
				Loss of input/bypass neutral. UPS cannot transfer to		
				bypass; depending on topology, UPS may transfer to		
308	39	4 ALM	Neutral Fault	battery.	WKA_INF	
				The system output phases are rotated (on the		
309	39	5 ALM	Output Phase Rotation	customer load bus).	WKA OBD	
				The breaker has been commanded open/closed but	_	
310	39	6 ALM	Maintenance Isolation Switch Failure	does not indicate that position	WKA SWB	
				The breaker has been commanded open/closed but		
311	39	7 ALM	Maintenance Bypass Breaker Failure	does not indicate that position	WKA SWB	
511		///	mantenance Bypase Breaker Failure	The SBM has been commanded to put the system		
				onto the Bypass. Either from the display or external		
312	40	0 ALM	Manual Bypass Switch On	contact.	WKA OBP	
312	40	1 ALM	Panel 1 Breaker Open	The Panel's main breaker is not closed.	WKA_OBP	For PDUs.
		2 ALM			WKA_BRK	
314			Panel 2 Breaker Open	The Panel's main breaker is not closed.		
315		3 ALM	Panel 3 Breaker Open	The Panel's main breaker is not closed.	WKA_BRK	
316		4 ALM	Panel 4 Breaker Open	The Panel's main breaker is not closed.	WKA_BRK	
317	40	5 ALM	Panel 5 Breaker Open	The Panel's main breaker is not closed.	WKA_BRK	
318	40	6 ALM	Panel 6 Breaker Open	The Panel's main breaker is not closed.	WKA_BRK	
319		7 ALM	Panel 7 Breaker Open	The Panel's main breaker is not closed.	WKA_BRK	
320	41	0 ALM	Panel 8 Breaker Open	The Panel's main breaker is not closed.	WKA_BRK	
				More than one input source is enabled, tying them		
321	41	1 ALM	Multiple Inputs Tied Together	together in a potentially hazardous way.	WKA_SWB	
322		2 ALM	Battery Over Temperature	Battery Over Temperature		
323	41	3 ALM	Inverter Overload	The Panel's main breaker is not closed.		
324	41	4			İ	
325	41	5				
325	41	6				
326	41	7				
327	41	/				