XCP Meter #	Meter Name	Description	Units	Developer Notes
		RMS Voltage measured at the Output of the UPS (i.e. that applied to		
1	OUTPUT VOLTS AB	the load), measured phase A to B.	V rms	
		RMS Voltage measured at the Output of the UPS (i.e. that applied to		
2	OUTPUT VOLTS BC	Ine load), measured phase B to C. BMS Voltage measured at the Output of the LIPS (i.e. that applied to	v ms	
3	OUTPUT VOLTS CA	the load), measured phase C to A.	V rms	
		RMS Voltage measured at the Utilility Input of the UPS, measured		
4	INPUT VOLTS AB	phase A to B.	V rms	
_		RMS Voltage measured at the Utility Input of the UPS, measured		
5	INPUT VOLTS BC	phase B to C.	V rms	
6	INPLIT VOLTS CA	nois voltage measured at the othing input of the OPS, measured phase C to A	V rms	
		RMS Voltage measured at the Output of the Inverter, measured phase	V IIIIO	
7	INVERTER VOLTS AB	A to B.	V rms	
		RMS Voltage measured at the Output of the Inverter, measured phase		
8	INVERTER VOLTS BC	B to C.	V rms	
0		RMS Voltage measured at the Output of the Inverter, measured phase	V/ rmc	
	INVENTER VOLTO UN	BMS Voltage measured at the input of the Bypass feed, if the UPS	V 1115	
10	BYPASS VOLTS AB	has a separate Bypass feed, measured phase A to B.	V rms	
		RMS Voltage measured at the input of the Bypass feed, if the UPS		
11	BYPASS VOLTS BC	has a separate Bypass feed, measured phase B to C.	V rms	
10		RMS Voltage measured at the input of the Bypass feed, if the UPS		
12	BYPASS VOLTS CA	has a separate Bypass feed, measured phase C to A.	v rms	
13	MAIN LOGIC POWER	unregulated supply, measured in DC Volts. Service Measure	V dc	
13		Measure of an internal supply for UPS control or analog circuits.		
14	SECONDARY V+ POWER	measured in + DC Volts. Service Measure	V dc	
		Measure of an internal supply for UPS control or analog circuits,		
15	SECONDARY V- POWER	measured in - DC Volts. Service Measure	V dc	
10	INVERTER AVG CURRENT	A measure of the current output from the Inverter phase A, but not an		
16	INVERTER AVG CURRENT	A measure of the current output from the Inverter phase A but not an		
17	PHASE B	rms measure. Service Measure		
	INVERTER AVG CURRENT	A measure of the current output from the Inverter phase A, but not an		
18	PHASE C	rms measure. Service Measure		
19	INPUT CURRENT PHASE A	A measure of the Input phase A current for the UPS, in RMS Amps.	Amps rms	
20		A measure of the Input phase B current for the LIPS in BMS Amos	Ampo rmo	
20			лпра ппа	
21	INPUT CURRENT PHASE C	A measure of the Input phase C current for the UPS, in RMS Amps.	Amps rms	
22	OUTPUT WATTS	Total Output true power measurement (Units: Watts)	Watts	
23	INPUT WATTS	Total Input true power measurement (Units: Watts)	Watts	
24		Total Output VA measurement (Units: VA)	VA	
25	INPUT VA	Lotal Input VA measurement (Units: VA)	VA	
26	OUTPUT POWER FACTOR	outside this range mean "unknown")		
		Input Power Factor. (Dimensionless value, 0.00 to 1.00; values		
27	INPUT POWER FACTOR	outside this range mean "unknown")		
28	OUTPUT FREQUENCY	Output Frequency measurement (Hz)	Hz	
29		Input Frequency measurement (Hz)	Hz Hz	
30	BYPASS ERECUENCY	Bypass Frequency measurement (Hz)	HZ HZ	
32	DC LINK VOLTS	DC voltage rectifier to inverter. Service Measure	V dc	
52		Battery current measurement; discharge current is a negative current		
33	BATTERY CURRENT	reading. DC Amps.	DC Amps	
34	BATTERY VOLTAGE	Total UPS Battery Voltage reading (DC Volts)	V dc	
35		% or useful stored energy remaining (0% is fully discharged)	%	
36	REMAINING	charge of the battery (even if not "On Battery")	Seconds	
37	BATTERY CHARGE TIME	Estimated seconds required to fully charge (Float) the battery	Seconds	
	PEAK INVERTER	A measure of the Inverter output peak phase A current. Service		
38	CURRENT PHASE A	Measure		
		A measure of the Inverter output peak phase B current. Service		
39		Measure A measure of the Inverter output peak phase C current. Service		
40	CURRENT PHASE C	Measure of the inverter output peak phase of current. Service		
	AVG INPUT CURRENT 3			
41	PHASE SUM	Average sum of the 3 phase input currents. Service Measure		
	BATTERY DCUV BAR	Battery voltage lower limit at which inverter must shut down; may vary		
42		dynamically with load.	V dc	
21		readings BMS Amps	Amns rms	
+3	LOW BATTERY WARNING	Battery voltage level at which UPS signals Low Battery warning may		
44	V BAR CHART	vary dynamically with load.	V dc	
		Nominal DC Link value, to compare against DC Link Volts reading.		
45	DC VOLTS BAR CHART	DC Volts. Service Measure	V dc	
10		Hated (IIMIt) value for Battery Charging current; may vary with load.		
46	BATTERY DISCHARGING		DC Amps	
47	CURRENT BAR CHART	Rated value (100%) for Battery Discharge current. DC Amps.	DC Amps	
		Output Load on Phase A, in per cent. Normally the greater of VA and		
		Watts. For a single phase UPS, the % Load for the whole UPS is		
48	% LOAD PHASE A	reported in this Phase A meter.	%	

40		Output Load on Phase R in por cont	0/	
49	/8 LOAD I HAGE D	Subut Load off Trase D, in per cent.	/0	
50	% LOAD PHASE C	Output Load on Phase C, in per cent.	%	
51	OLITPLIT VA PHASE A	Output VA on Phase A in VA	VA	
51			VA	
52	OUTPUT VA PHASE B	Output VA on Phase B, In VA	VA	
53	OUTPUT VA PHASE C	Output VA on Phase C, in VA	VA	
		BMS Voltage measured at the input of the Bypass feed, if the LIPS		
		This voltage measured at the input of the bypass feed, if the of o		
54	BYPASS VOLTS PHASE A	has a separate Bypass feed, measured line A to neutral.	V rms	
		BMS Voltage measured at the input of the Bypass feed if the UPS		
		has a compare Durace food an approximately provide receipting	11	
55	BIPASS VOLIS PHASE B	nas a separate Bypass feed, measured line B to neutral.	v rms	
		RMS Voltage measured at the input of the Bypass feed, if the UPS		
56	BYDASS VOLTS PHASE C	has a separate Bypass feed, measured line C to neutral	V rmc	
50	BITASS VOLISTIASE C	nas a separate bypass leed, measured line o to neutral.	v 1115	
		RMS Voltage measured at the Utility Input of the UPS, measured		
57	INPUT VOLTS PHASE A	phase A to neutral.	V rms	
		PMC Voltage measured at the Utility Input of the UPC measured		
		nivis voltage measured at the otility input of the OFS, measured		
58	INPUT VOLTS PHASE B	phase B to neutral.	V rms	
		BMS Voltage measured at the Utility Input of the LIPS measured		
50				
59	INPUT VOLTS PHASE C	phase C to neutral.	v rms	
	INVERTER VOLTS PHASE	Apparent Inverter output voltage, measured phase A to neutral (may		
60	۸	be scaled by transformer)	Virme	
00			v 1115	
	INVERTER VOLTS PHASE	Apparent Inverter output voltage, measured phase B to neutral (may		
61	В	be scaled by transformer).	V rms	
		Apparent Inverter output voltage, measured phase C to poutral (may		
	INVENTER VOLTS PRASE	Apparent inverter output voltage, measured phase C to neutral (may		
62	C	be scaled by transformer).	V rms	
		Temperature measurement of the room or cabinet: may be indirectly		
		remperature measurement of the room of cabinet, may be morecary		
63	AMBIENT TEMPERATURE	measured. In degrees Centigrade.	deg C	
		Temperature measurement at the main power unit in the module:		
64		normally, the Invertor Indegrade Contigrade	dog C	
04	HEATSINK TEMPERATURE	normany, the inverter. In degrees Centigrade.	uey c	
	POWER SUPPLY	Temperature measurement of rectifier, charger, boost converter, or		
65	TEMPERATURE	control power supply. In degrees Centionade	dea C	
60		oonaor pomor suppry. In degrees Oenagrade.	ucy c	
			1	
66	LOAD CUBBENT PHASE A	Output (load) BMS phase A current in BMS Amps	Amps rms	
			/ impo mito	
67	LOAD CURRENT PHASE B	Output (load) RMS phase B current, in RMS Amps.	Amps rms	
68	LOAD CURRENT PHASE C	Output (load) RMS phase C current, in RMS Amps.	Amps rms	
		100% rated value for the Load Current Compared against Load		
		100 % rated value for the Load Current. Compared against Load		
	LOAD CURRENT PHASE A	Current reading to create the phase % Load bar chart. Phase A, but		
69	BAR CHART	usually equal to B and C bar charts as well	Amps rms	
00		10000/ stal stal of stills last 0 south (s Plass P the still south)	Апрэтпэ	
	LOAD CURRENT PHASE B	100% rated value for the Load Current for Phase B. Usually equal to		
70	BAR CHART	phase A bar chart.	Amps rms	
	LOAD CURRENT RUASE C	100% rated value for the Load Current for Dhase C. Llouelly equal to		
	LUAD CURRENT PRASE C	100% rated value for the Load Current for Phase C. Ostany equal to		
71	BAR CHART	phase A bar chart.	Amps rms	
72	OUTPUT VA BAB CHART	Bated Output VA of the LIPS for all phases (Linits: VA)	VΔ	
70	DATE		•/ (
/3	DATE	Current Date reading.		
74	TIME	Current Time reading.		
74	TIME POSITIVE DC LINK BAIL	Current Time reading.	-	
74	TIME POSITIVE DC LINK RAIL	Current Time reading.		
74	TIME POSITIVE DC LINK RAIL VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure	V dc	
74	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL	Current Time reading. Voltage for bipolar + DC link. Service Measure	V dc	
74	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL	Current Time reading. Voltage for bipolar + DC link. Service Measure	V dc	
74 75 76	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure	V dc V dc	
74 75 76	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure	V dc V dc	
74 75 76	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure	V dc V dc	
74 75 76 77	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure.	V dc V dc V dc	
74 75 76 77	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure.	V dc V dc V dc	
74 75 76 77 77	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack in degrees Centiorade	V dc V dc V dc deg C	
74 75 76 77 78	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade	V dc V dc V dc deg C	
74 75 76 77 77 78	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to	V dc V dc V dc deg C	
74 75 76 77 78 79	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral.	V dc V dc V dc deg C V rms	
74 75 76 77 77 78 79	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral.	V dc V dc V dc deg C V rms	
74 75 76 77 78 79	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load) (i.e. that applied to the load) (i.e. that applied to the load) (i.e. that applied to	V dc V dc V dc deg C V rms	
74 75 76 77 78 79 80	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral.	V dc V dc V dc deg C V rms V rms	
74 75 76 77 78 79 80	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral.	V dc V dc V dc deg C V rms V rms	
74 75 76 77 78 79 80	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral.	V dc V dc V dc deg C V rms V rms	
74 75 76 77 78 79 80 81	TIME POSITIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral.	V dc V dc V dc deg C V rms V rms V rms	
74 75 76 77 78 79 80 80 81	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps.	V dc V dc V dc deg C V rms V rms V rms Amps rms	
74 75 76 77 78 79 80 80 81 82	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps.	V dc V dc V dc deg C V rms V rms V rms Amps rms	
74 75 76 77 78 79 80 81 82	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps.	V dc V dc V dc deg C V rms V rms V rms Amps rms	
74 75 76 77 78 79 80 80 81 81 82 83	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts	
74 75 76 77 78 79 80 81 81 82 83	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts	
74 75 76 77 78 79 80 80 81 81 82 83 83	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts	
74 75 76 77 78 79 80 81 81 82 83 83	TIME POSITIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts	
74 75 76 77 78 79 80 81 81 82 83 83 84	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured phase C to neutral. RMS Voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B.	V dc V dc deg C V rms V rms V rms Amps rms Watts Watts	
74 75 76 77 78 79 80 81 82 83 83 83 83 83	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts	
74 75 76 77 78 79 80 81 81 82 83 83 84 85	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% ratio was for the load on Phase C.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts	
74 75 76 77 78 79 80 80 81 81 82 83 83 83 83 83	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE A,	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts	
74 75 76 77 78 79 80 81 81 82 83 83 84 85 86	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts	
74 75 76 77 78 79 80 81 81 82 83 83 84 83 83 84 85 85 86 87	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART BECTIFIER DC CUBBENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS Voltage measured phase C to neutral. RMS voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current poC link Service measure	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps	
74 75 76 77 78 79 80 81 81 82 83 83 84 83 84 85 86 86 87	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POOLTPUT DATTERY	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts Watts DC Amps	
74 75 76 77 78 79 80 81 82 83 83 84 85 85 86 85	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts Watts DC Amps	
74 75 76 77 78 79 80 81 81 82 83 83 83 83 83 83 83 83 83 83 83 83 83	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery	V dc V dc V dc deg C V rms V rms V rms W rms Watts Watts Watts Watts Watts DC Amps V dc	
74 75 76 77 78 79 80 81 81 82 83 83 84 85 86 85 86 87 88	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery	V dc V dc V dc deg C V rms V rms Amps rms Watts Watts Watts Watts U atts DC Amps V dc	
74 75 76 77 78 79 80 81 81 82 83 83 84 83 83 84 85 88 85 86 87 88	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS Voltage measured phase C to neutral. RMS voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a	V dc V dc V dc deg C V rms V rms V rms Wrms Watts Watts Watts Watts Watts V adts V dc	
74 75 76 77 78 79 80 81 81 82 83 83 84 85 86 85 86 87 88 89	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS B OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts U dc V dc V dc	
74 75 76 77 78 79 80 81 82 83 83 84 85 83 84 85 85 86 87 87 88 89	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE POSITIVE BATTERY	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Positive side of bipolar battery. DC Amps:	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps V dc V dc	
74 75 76 77 78 79 80 81 81 82 83 83 84 83 84 85 86 87 87 88 89	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C, BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE POSITIVE BATTERY VOLTAGE POSITIVE BATTERY VOLTAGE	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Positive side of bipolar battery, DC Amps; discharge output is a magning product.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps V dc V dc	
74 75 76 77 78 79 80 81 83 83 83 84 83 83 83 84 85 85 86 87 87 88 89 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Positive side of bipolar battery, DC Amps; discharge current is a negative reading	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps V dc V dc DC Amps	
74 75 76 77 78 79 80 81 81 82 83 83 83 83 84 85 83 83 83 84 85 86 87 87 88 89 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT NEGATIVE BATTERY	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured phase C to neutral. RMS voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Action Present Service Measure Current is a negative side of for bipolar battery, DC Amps;	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts DC Amps V dc V dc DC Amps	
74 75 76 77 78 79 80 81 81 82 83 83 84 85 83 84 85 86 87 88 89 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A DUTPUT WATTS PHASE C OUTPUT WATTS PHASE A DUTPUT WATTS PHASE A DUTPUT WATTS PHASE C OUTPUT WATTS PHASE A DUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A DUTPUT WATTS PHASE C OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A DUTPUT WATTS PHASE A DUTPUT WATTS PHASE A DUTPUT WATTS PHASE A DUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE PHASE PHASE C OUTPUT WATTS PHASE PHA	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading for Negative reading Current reading for Negative reading here as well	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts UC Amps V dc DC Amps DC Amps	
74 75 76 77 78 79 80 81 81 82 83 83 83 84 84 85 85 86 87 88 89 90 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE A OUTPUT WAT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured phase B to neutral. RMS Voltage measured phase C to neutral. RMS voltage measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well.	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts DC Amps V dc DC Amps DC Amps	
74 75 76 77 78 79 80 81 82 83 83 84 85 83 84 85 86 87 88 89 90 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current is a negative reading Current is a negative reading here as well.	V dc V dc V dc V rms V rms V rms V rms Amps rms Watts Watts Watts Watts UC Amps V dc V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter
74 75 76 77 78 79 80 81 82 83 83 84 85 83 84 85 85 86 87 87 88 89 90 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase B. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well.	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts Watts UC Amps V dc V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and
74 75 76 77 78 79 80 81 81 82 83 83 84 85 86 85 86 87 87 88 89 90 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well.	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts Watts DC Amps V dc V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and
74 75 76 77 78 79 80 81 83 83 83 84 83 83 84 85 86 87 88 88 89 90 90 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT B OUTP	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Current reading for Positive side of bipolar battery, DC Amps; discharge current is a negative reading Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well.	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection
74 75 76 77 78 79 80 81 81 82 83 83 84 85 83 84 85 88 89 90 90 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against.	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts Watts DC Amps V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the
74 75 76 77 78 79 80 81 81 82 83 83 84 85 83 84 85 86 87 88 88 89 90 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Current reading for Positive side of bipolar battery, DC Amps; discharge current is a negative reading Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events. but may include other	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts UC Amps V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc
74 75 76 77 78 79 80 81 82 83 83 83 84 85 85 86 87 87 88 89 90 90	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other events but may inc	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts Watts DC Amps DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc
74 75 76 77 78 79 80 81 82 83 83 84 85 86 87 88 88 89 90 90 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other protection events. Volatile counter which can be reset by the UPS	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps V dc V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery
74 75 76 77 78 79 80 81 82 83 83 84 85 85 86 85 88 88 89 90 90 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT LINE EVENT COUNTER	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery vevents, but may include other protection events. Volatile counter which can be reset by the UPS when the count rolls over some upper limit.	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts Watts DC Amps V dc DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery which are counted.
74 75 76 77 78 79 80 81 82 83 83 84 85 85 86 87 87 88 89 90 90 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT LINE EVENT COUNTER Output V1%	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Positive side of bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other protection events. Volatile counter which can be reset by the UPS when the count rolls over some upper limit.	V dc V dc V dc deg C V rms V rms V rms Watts Watts Watts Watts Watts U dc V dc V dc V dc DC Amps DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery which are counted.
74 75 76 77 78 79 80 81 83 83 83 84 83 83 84 85 88 83 84 85 88 89 90 90 91 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A UTAGE POSITIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT LINE EVENT COUNTER Output V1%	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Augustive side Voltage for bipolar battery. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other protection events. Volatile counter which can be reset by the UPS when the count rolls over some upper limit. Ratio of acutal meter value to system nominal rating Definition	V dc V dc V dc deg C V rms V rms V rms Amps rms Watts Watts Watts Watts DC Amps V dc DC Amps DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery which are counted.
74 75 76 77 78 79 80 81 82 83 83 84 85 83 84 85 88 88 89 90 90 91 91 91 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY VOLTAGE NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT LINE EVENT COUNTER Output V1% Output V1% Output V2%	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other protection events. Volatile counter which can be reset by the UPS when the count rolls over some upper limit. Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating	V dc V dc V dc V dc V rms V rms V rms Watts Watts Watts Watts Watts DC Amps V dc DC Amps DC Amps DC Amps	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery which are counted.
74 75 76 77 78 79 80 81 81 82 83 83 84 85 83 84 85 88 89 90 90 91 91 91 91 92 93 94 95	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE C OUTPUT WATTS PHASE A OUTPUT WATTS PHASE B OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE C OUTPUT WATTS PHASE B OUTPUT WATTS PHASE A B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE POSITIVE BATTERY CURRENT LINE EVENT COUNTER Output V1% Output V1% Output V2% Output V3%	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage to the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other protection events. Volatile counter which can be reset by the UPS when the count rolls over some upper limit. Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating	V dc V dc V dc V dc V rms V rms V rms Watts Watts Watts Watts Watts U dc V dc V dc DC Amps DC Amps DC Amps Counts Percent Percent Percent	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery which are counted.
74 75 76 77 78 79 80 81 82 83 83 84 84 85 85 86 87 87 88 89 90 90 91 91 91 91	TIME POSITIVE DC LINK RAIL VOLTAGE NEGATIVE DC LINK RAIL VOLTAGE AUTO-BALANCE VOLTAGE BATTERY TEMPERATURE OUTPUT VOLTS A OUTPUT VOLTS A OUTPUT VOLTS C NEUTRAL CURRENT OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A OUTPUT WATTS PHASE A, B, C BAR CHART RECTIFIER DC CURRENT POSITIVE BATTERY VOLTAGE NEGATIVE BATTERY CURRENT NEGATIVE BATTERY CURRENT LINE EVENT COUNTER Output V1% Output V2% Output V2% Output V3% Output V3% Output V3%	Current Time reading. Voltage for bipolar + DC link. Service Measure Voltage for bipolar - DC link. Service Measure DC Voltage content of Output. Service Measure. Temperature of the Battery or Battery Pack, in degrees Centigrade RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase A to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase B to neutral. RMS Voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS voltage measured at the Output of the UPS (i.e. that applied to the load), measured phase C to neutral. RMS current in the output neutral line. RMS Amps. Output watts for the load on Phase A. Output watts for the load on Phase B. Output watts for the load on Phase C. 100% rated value for the output watts per phase; compared to per phase Output Watt readings for bar chart meters. DC current rectifier to DC link. Service measure Positive side Voltage for bipolar battery Negative side Voltage for bipolar battery Negative side Voltage for bipolar battery. Absolute value - always a positive reading. Current reading for Negative side of for bipolar battery, DC Amps; discharge current is a negative reading here as well. Count of Input Line "Events" which the UPS protected against. Normally counts unfiltered On Battery events, but may include other protection events. Volatile counter which can be reset by the UPS when the count rolls over some upper limit. Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal rating Ratio of acutal meter value to system nominal r	V dc V dc V dc V dc V rms V rms V rms Watts Watts Watts Watts Watts U dc V dc V dc DC Amps DC Amps DC Amps DC Amps Counts Percent Percent Percent Percent	Can be 8, 16, or 32 bit counter internally. Reset to 0 at powerup and rollover. Intent is to count protection events, where the UPS saved the load. List in the XCP Compliance doc any events other than OnBattery which are counted.

ç	7 Output I2 %	Ratio of acutal meter value to system nominal rating	Percent	
ç	18 Output I3 %	Ratio of acutal meter value to system nominal rating	Percent	
g	9 Input V1%	Ratio of acutal meter value to system nominal rating	Percent	
10	0 Input V2%	Ratio of acutal meter value to system nominal rating	Percent	
10	1 Input V3%	Ratio of acutal meter value to system nominal rating	Percent	
10	2 Input I1 %	Ratio of acutal meter value to system nominal rating	Percent	
10	3 Input I2 %	Ratio of acutal meter value to system nominal rating	Percent	
10	4 Input I3 %	Ratio of acutal meter value to system nominal rating	Percent	
10	5 Ground Current		Amps rms	
10	6 Output Crest Factor L1	Output current Crest factor, phase 1	Percent	
10	7 Output Crest Factor L2	Output current Crest factor	Percent	
10	8 Output Crest Factor L3	Output current Crest factor	Percent	
10				For large systems, need KWH instead
11	O Upput Voltage THD Line 1	Tetal Harmania Distortian magaura	NWH Dereent	of WH to fit well in 32-bit integers
11	1 Input Voltage THD Line 1	Total Harmonic Distortion measure	Percent	
11	2 Input Voltage THD Line 2		Percent	
11	2 Input Voltage THD Line 3		Percent	
11	A Input Current THD Line 2		Percent	
11	5 Input Current THD Line 2		Percent	
11	Coutout Voltage THD Line 1		Percent	
11	7 Output Voltage THD Line 2		Percent	
11	Output Voltage THD Line 2		Percent	
11	Output Vollage THD Line 3		Percent	
11	9 Output Current THD Line 2		Percent	
12	U Output Current THD Line 2		Percent	
12	Duput Creat Factor L1	Input ourrent Creat factor, phase 1	Percent	
12	2 Input Crest Factor L1	Input current Crest factor	Percent	
12	A Input Crest Factor L2	Input current Crest factor	Percent	
12	4 Input Crest Factor L3		Percent	
12	5 Input KW Hour	Input kilowatt-hours	кwн	For large systems, need KWH instead of WH to fit well in 32-bit integers
		Estimated an experiment of a sub-state the two substates		Based on age, usage, and service
12	Battery Life Remaining	Estimated percentage of nominal battery life remaining.	Percent	temperature.
12	Secondary Neutral Current	HNIS current in the neutral line of a secondary power circuit.	Amps rms	Initially for dual-input PDU.
12	Secondary Ground Current	Current measured in a secondary power circuit	Amps rms	Initially for dual-input PDU.
12	9 Hours of Operation	Accumulated hours that the UPS has been running.	Hours	