## REVISION HISTORY

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>DESCRIPTION</th>
<th>NAME</th>
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<tbody>
<tr>
<td>2.8.0.1</td>
<td>2022-10-12</td>
<td>Current release of Network UPS Tools (NUT).</td>
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<tr>
<td>2.6.0</td>
<td>2011-01-14</td>
<td>First release of Asciidoc documentation for Network UPS Tools (NUT).</td>
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1 APC

1.1 940-0024C clone

From D. Stimits

![Diagram of 940-0024C UPS Power Chute Cable Pinouts]

**Note**
The original 940-0024C diagram was contributed by Steve Draper.

1.2 940-0024E clone

Reported by Jonathan Laventhol

This cable is said to use the same wiring as 940-0024C clone.

1.3 940-0024C clone for Macs

From Miguel Howard

![Diagram of Mac/APCC UPS Cable 940-0024C equivalent to DIN 8 M]

Mac is RS-422: Pin 8 RxD+ must be tied to signal ground
2 Belkin

2.1 OmniGuard F6C***-RKM

From "Daniel"
A straight-through RS-232 cable (with pins 2-7 connected through) should work with the following models:

- F6C110-RKM-2U
- F6C150-RKM-2U
- F6C230-RKM-2U
- F6C320-RKM-3U

3 Eaton

Documents in this section are provided courtesy of Eaton.

3.1 MGE Office Protection Systems

The three first cables also applies to MGE UPS SYSTEMS and Eaton.

3.1.1 DB9-DB9 cable (ref 66049)

This is the standard serial cable, used on most units.
3.1.2 DB9-RJ45 cable

This cable is used on the more recent models, including Ellipse MAX, Protection Station, …
3.1.3 NMC DB9-RJ45 cable

The following applies to the MGE 66102 NMC (Network Management Card), and possibly other models. The NMC connection is an 8P8C RJ45-style jack.

<table>
<thead>
<tr>
<th>Signal</th>
<th>PC</th>
<th>NMC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,4,6</td>
<td></td>
</tr>
<tr>
<td>TxD</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>RxD</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>GND</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>7,8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>shield</td>
<td>shield</td>
</tr>
</tbody>
</table>

3.1.4 USB-RJ45 cable

This cable is used also on the more recent models, including Ellipse MAX, Protection Station, …
3.1.5 DB9-RJ12 cable

This cable is used on some older Ellipse models.
3.2 Powerware LanSafe

Just uses a normal serial cable, with pin 1-1 through to 9-9.

3.3 SOLA-330

Just uses a normal serial cable, with pin 1-1 through to 9-9.
4 HP - Compaq

4.1 Older Compaq UPS Family

This cable can be used with the following models:
T700, T1000, T1500, T1500j, T700h, T1000h, T1500h, R1500, R1500j, R1500h, T2000, T2000j, T2400h, T2400h-NA, R3000 / R3000j, R3000h, R3000h-International, R3000h-NA, R6000h-NA, R6000i, R6000j.

Contributed by Kjell Claesson and Arnaud Quette.

5 Phoenixtec (Best Power)

Many Best Power units (including the Patriot Pro II) have a female DB-9 socket with a non-standard pinout.

<table>
<thead>
<tr>
<th>Signal</th>
<th>PC Signal</th>
<th>UPS Signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>TxD</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>RxD</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>GND</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>7,8</td>
<td>NC</td>
</tr>
</tbody>
</table>
6 Tripp-Lite

From Tripp-Lite, via Bryan Kolodziej

This cable (black 73-0844 cable) is used on various models, using the "Lan 2.2 interface" and the genericups driver (upstype=5).

\[ 
\begin{array}{c|c|c}
\hline
& \text{UPS end} & \text{Computer end} \\
\text{DB9 Male} & \text{DB9 Female} \\
\hline
1 & \text{Ground} & 3 \\
5 & \text{AC Fail} & 8 \\
& 10\, \text{k ohm} & \text{Source 4a} \\
& 10\, \text{k ohm} & 4 \\
6 & \text{Weak/Low Battery} & 1 \\
4 & \text{Inverter Shutoff} & 6 \\
2 & \text{Inverter Shutoff} & 7 \\
& 1N4148 diode & \\
\hline
\end{array} 
\]