



FC-PWR

1RU Flashlink Compact Power Supply

User manual

Rev. B

A large, solid green circular graphic in the bottom right corner of the page, partially overlapping the contact information. It has a white circular cutout in the center.

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See <http://www.nevion.com/support/> for service hours for customer support globally.

Revision history

Current revision of this document is the uppermost in the table below.

Rev.	Repl.	Date	Sign	Change description
B	0	2015-05-14	MB	Cover page update; DoC removed; no other changes to content
0	A	2012-08-02	SHH	First released document
A	-	2012-01-18	SHH	Initial document

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1 Product overview



The FC-PWR is a 120W 1RU redundant power frame enable to power up to 4 Flashlink Compact units redundantly. The power supply has 8 power output ports and is delivered with 8 power cables. The power supply features resettable fuses on every power output ensuring one faulty Flashlink Compact unit to not pull down the rest of the units.

2 Specifications

2.1 General

AC input voltage	100V-240V AC
DC output voltage	12V
Max total output current per row (4 output ports)	10A
Max total output all rows (both power present, non redundant)	20A
Max power per port	2.5A, protected by re-settable fuses

3 Power connections

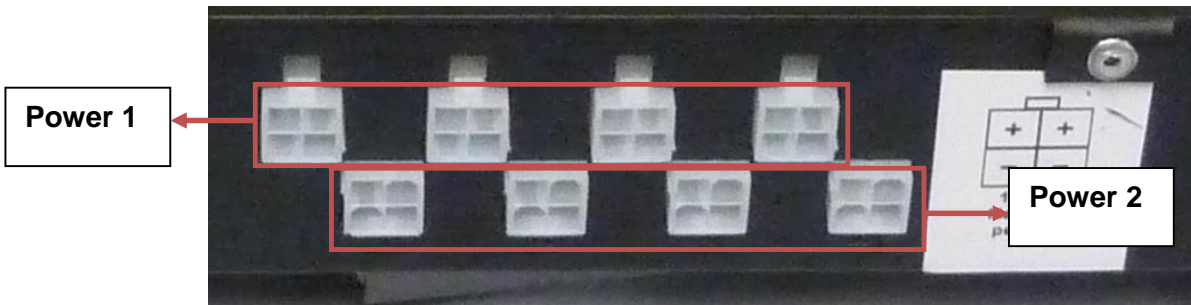


Figure 1: The image shows the grouping of power connectors

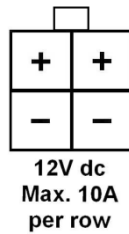


Figure 2: The figure above shows the pin out of the connector.

4 Replacement of power supplies

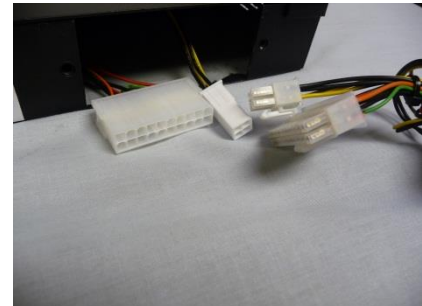
Disconnect Mains Lead



Remove Power Supply



Disconnect from unit



General environmental requirements for Nevion equipment

1. The equipment will meet the guaranteed performance specification under the following environmental conditions:
 - Operating room temperature range: 0°C to 40°C
 - Operating relative humidity range: <90% (non-condensing)
2. The equipment will operate without damage under the following environmental conditions:
 - Temperature range: -5°C to 50°C
 - Relative humidity range: <95% (non-condensing)

Product Warranty

The warranty terms and conditions for the product(s) covered by this manual follow the General Sales Conditions by Nevia, which are available on the company web site:

www.nevia.com

Appendix A Materials declaration and recycling information

A.1 Materials declaration

For product sold into China after 1st March 2007, we comply with the “Administrative Measure on the Control of Pollution by Electronic Information Products”. In the first stage of this legislation, content of six hazardous materials has to be declared. The table below shows the required information.

組成名稱 Part Name	Toxic or hazardous substances and elements					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六价铬 Hexavalent Chromium (Cr(VI))	多溴联苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
FC-PWR	○	○	○	○	○	○
<p>O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.</p> <p>X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006.</p>						

This is indicated by the product marking:



A.2 Recycling information

Nevion provides assistance to customers and recyclers through our web site <http://www.nevion.com/>. Please contact Nevion’s Customer Support for assistance with recycling if this site does not show the information you require.

Where it is not possible to return the product to Nevion or its agents for recycling, the following general information may be of assistance:

- Before attempting disassembly, ensure the product is completely disconnected from power and signal connections.
- All major parts are marked or labeled to show their material content.
- Depending on the date of manufacture, this product may contain lead in solder.
- Some circuit boards may contain battery-backed memory devices.