

Offering high reliability and stability, the 2A Power Supply features ubiquitously in Concept systems.

Specifically designed and tested for compatibility with proximity type reader heads, the 2A Power Supply can be used wherever battery backed 12V supplies are required to power Concept modules, detectors, readers and auxiliary devices such as strobes, sounders, locks, etc.

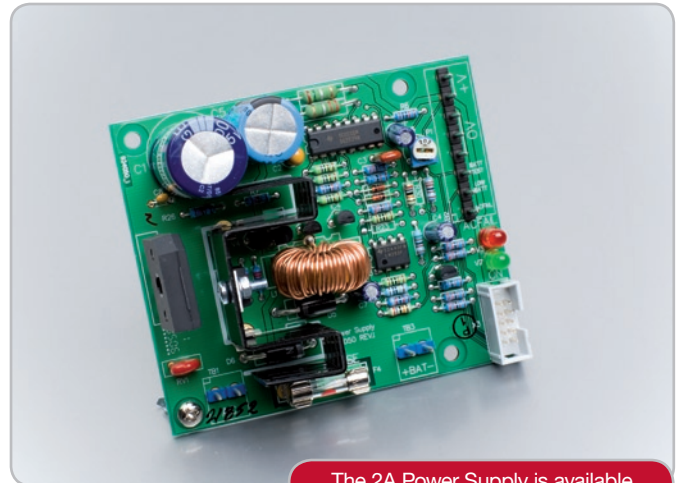
To allow for redundancy requirements, the outputs of two of these modules can be connected in parallel to provide uninterrupted backup. (Alternatively, this configuration can provide a 4 Amp supply source if used with two of the 2.5A In-line Plug packs.)

The 2A Power Supply is factory fitted to the powered low profile enclosures or supplied as a PCB module.

- For most Concept 4000 power needs
- Designed for compatibility with proximity reader heads
- Input and output fuse protection

Features:

- Reliable and stable
- Small form factor
- Fused AC input and battery protection (4A)
- LED indication of Output Present, AC Fail and Reverse Battery Polarity
- Can be ganged with a second 2A P/S to provide 4A source or dual-redundant power source
- Can be set to 1A current limit
- Ribbon cable output for devices such as Mini Expander, etc



The 2A Power Supply is available factory fitted to the powered low profile enclosures or supplied as a PCB module.

SPECIFICATIONS

Physical

PCB Dimensions	95(L) x 85(W) x 50(D) (mm)
Installation Environment	0° – 40°C @ 15% to 85% Relative humidity (non-condensing)

Electrical

Input Voltage to PCB	16VAC @ 2.5A
Switching Frequency	~50kHz
Conversion Efficiency	~80%
“Low Battery” Trigger Voltage	11VDC
Output Voltage	13.8VDC +/-2% up to 2A
Max. Output Current	2A
Output Ripple	100mV RMS (Max.) @ I _{out} =2A
Load Regulation	+/- 100mV @ I _{out} =0.1A to 2A
Battery Capacity	12V, 7AH Sealed Lead Acid

Ordering Options

994055 Short form 2A Power Supply (PCB only)