

PRODUCT SPECIFICATION

A wall- or rack-mounted 24 V DC battery-backed power supply in a cabinet manufactured from 1.2 mm thick powder-coated steel.

It operates on 110-240 V AC input via a fuse-protected mains input socket and cable.

It provides two individually switched 24 V DC power outputs, each capable of 4 A continuous power to a total output of 8 A. Both outputs are protected against overload by a fuse that automatically resets after the overload is removed.

The on / off switches for the DC power outputs are key-switch protected to prevent inadvertent or malicious changes in settings.

The power supply incorporates a 24 V battery back-up and charging circuit with two internal, sealed lead acid batteries rated at 7 Ah. The batteries are not included and must be ordered and shipped separately.

The power supply also provides a socket for connecting external batteries (to a maximum 35 Ah rating).

The power supply charges the back-up battery with a peak 2 A recharge current, ensuring rapid charging when required.

The operational status of the power supply is continuously monitored and indicated via externally visible LED's for:

- Mains;
- Battery OK;
- Outputs OK; and
- Output on / off.

External alarm outputs are provided for mains and / or DC output failures. There is cabling to allow external plug-in screw connectors to be conveniently accessed and a safety earth output is provided.

The power supply's electronics are protected against power surges, near-lightning strikes, cable shorts and power reversals.

CISPR 22 Class B certification ensures that the power supply meets the new international emission requirements for hospitals and aged care facilities.

The power supply complies with the international RoHS Directive for the restriction of hazardous substances in electronic equipment.

Dimensions & Specifications	Height:	430 mm	Depth:	130 mm	
	Width:	200 mm	Weight:	2.6 Kg (excluding battery)	
	Housing:	1.2 mm thick powder-coated steel		Mounting Method:	Wall or rack mount
	Connectors:	Plug-in screw terminals	Cable Sizes:	2 core 2 mm ² TPS (AWG 14) power cable for each power feed	
	Temperature:	0 – 50°C	Humidity Range:	0 – 85% non-condensing	

Ordering Options	Code	Description	Order Options
	IP-PSA-24V	IP Power Supply, 24 V (88-264 V/AC)	Specify:
	PSA-BAT	Power Supply Battery, 7 Ah	Wall Mount Rack Mount
Note: Battery is available for Australian customers only and shipped separately			

Designed to comply with:

- AS 3811: Hard-wired patient alarm systems.
- HTM 08-03: Bedhead services.
- UL 1069: Hospital Signaling and Nurse Call Equipment.
- IEC 60601-1, UL 60601-1 and CAN/CSA C22.2 No. 601.1-M90: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance.



Manufactured in general accordance with the requirements of international quality assurance standard ISO9002.

Authorised Austco Reseller

