

PM844-A

Power Supply Switch Mode 12VDC-4A higher spec

High efficient switch mode 12 Volt dc Power Supply featuring Mains and Battery Monitoring with two independent volt free fault outputs. Full Rated Current to Load 4 Amp plus 0.5 Amp average for battery charging



Details

- Continuous full rated current to load
- Additional 0.5 A (average) to charge standby battery
- High efficiency electronics for reduced running costs and lower operating temperatures
- Modular construction for ease of maintenance and installation
- Full electronic short circuit and overload protection on load output under mains operation
- Lid opening tamper detection
- Increased room space for additional PCBs or cables
- Deep Discharge Protection
- 2 independent volt free fault outputs
- Reverse battery connection protection
- PSU fault indicator (Red LED)
- Battery Disconnected fault detection

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Technical specifications

Electrical

Mains input 100 to 240 VAC

Output

Power output voltage 13.8 VDC

Output ripple 150 mV pk-pk max.

Power output current
mains 4 A

Battery

Max. Battery capacity 18 Ah 12 V

Battery charge current 0.5 A

General

Fuse(s) 230 VAC input 3.15 A, 12/24 V output 4 A

Physical

Colour White

Form factor Steel cabinet

Standards & Regulation

Compliance CE, REACH, RoHS 2, WEEE

Input voltage

100-240 VAC

Frequency

50 - 60 Hz

Output voltage

13.8 VDC nominal

Battery charge current

0.5 A

Load Output

4 A

Output ripple

150 mV pk-pk max

Max. battery size

18 Ah

Fuse 12/24 V output

4 A

Fuse 230 VAC input

3.15 A

Operating temperature

-10 to +40°C at 95% relative humidity
noncondensing

Storage temperature

-20 to + 80°C

Weight (excluding battery)

4.30 kg

Dimensions (W x H x D)

355 x 330 x 80 mm

