

# PM844-A

## Power Supply Switch Mode 12VDC-4A higher spec

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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

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- 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

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#### General

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

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Mains input	100 to 240 VAC
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#### Output

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Power output voltage	13.8 VDC
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Output ripple	150 mV pk-pk max.
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Power output current mains	4 A
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#### Battery

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Max. Battery capacity	18 Ah 12 V
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Battery charge current	0.5 A
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#### Physical

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Physical dimensions	355 x 330 x 80 mm (W x H x D)
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Net weight	4.30 kg (excluding battery)
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Colour	White
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Form factor	Steel cabinet
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#### Environmental

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Operating temperature	-10° to +40° C
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Storage temperature	-20 to 80°C
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Relative humidity	95% noncondensing
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#### Standards & Regulation

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Compliancy	CE, REACH, RoHS 2, WEEE
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