

# PM842

## Power Supply Switch Mode 12VDC-2A



### Details

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- Continuous full rated current to load
- Additional 0.5 A 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

# PM842

## Power Supply Switch Mode 12VDC-2A

### Technical specifications

#### Electrical

Mains input	100 to 240 VAC
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#### Output

Power output voltage	13.8 VDC
Output ripple	150 mV pk-pk max.
Power output current mains	2 A

#### Battery

Max. Battery capacity	7.2 Ah
Battery charge current	0.5 A

#### General

Fuse(s)	230 VAC input 2 A, 12/24 V output 2 A
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#### Physical

Colour	White
Form factor	Steel cabinet

#### Standards & Regulation

Compliance	CE, REACH, RoHS 2, WEEE
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#### Input voltage

100-240 VAC
50 - 60 Hz

#### Output voltage

13.8 VDC nominal
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#### Battery charge current

0.5 A
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#### Output current

2 A
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#### Output ripple

Max. 150 mV pk-pk
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#### Max. battery size

7.2 Ah
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#### Fuse 12/24 V output

2 A
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#### Fuse 230 VAC input

2 A
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#### Operating temperature

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

-20 to + 80°C
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#### Weight (excluding battery)

2.0 kg
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#### Dimensions (W x H x D)

230 x 200 x 80 mm
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