



Product Data Sheet

PM842

Boxed switch mode power supply, 12VDC 2A



Standard Features

- 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

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Specifications

| | |
|----------------------------|---|
| Input voltage | 100-240 VAC |
| | 50 - 60 Hz |
| Output voltage | 13.8 VDC nominal |
| Battery charge current | 0.5 A |
| Output current | 2 A |
| Output ripple | Max. 150 mV pk-pk |
| Max. battery size | 7.2 Ah |
| Fuse 12/24 V output | 2 A |
| Fuse 230 VAC input | 2 A |
| Operating temperature | -10 to +40°C at 95% relative humidity noncondensing |
| Storage temperature | -20 to + 80°C |
| Weight (excluding battery) | 2.0 kg |
| Dimensions (W x H x D) | 230 x 200 x 80 mm |

Ordering Information

| Part No. | Description |
|-----------------|---|
| PM842 | Boxed switch mode power supply, 12VDC 2A |
| BS127N PM843 | Sealed Lead-Acid Battery - 12V 7.2Ah - VdS approved |
| PM844-A | Boxed switch mode power supply, 12VDC 4A with fault outputs |

