



Product Data Sheet

PM812-G2

Linear mode, boxed power supply, EN50131 grade 2 certified, 12VDC 1.5A

Certified Gr.2

Suitable for use in systems designed to comply with EN50131-6:2008 to Grade 2 and Environmental Class II, requiring 17Ah standby battery capacity.

Protection

Comprehensive protection is built-in as standard including mains transient filtering, transformer thermal fuse, electronic output overload protection and fuses on the load and battery outputs.



Standard Features

- Fault signals for loss of mains, power supply fault and battery low voltage warning
- Battery deep discharge protection
- Tamper switch
- Protection against reverse battery connection
- Thermal protection of power circuitry
- Transformer thermal fuse
- Powder coated steel housing
- EN50131-6:2008 certified

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Specifications

Input voltage	230 VAC
	+10% / -15%
Output voltage	13.8 VDC
Output current	
Total available	1.5A+0.5A to charge standby battery (typically 17A)
Mains	1.4 A
Battery for 12 hours	1.4 A with 17 A battery
Output Ripple	<220mV pk – pk max @ 230Vac
Max. battery size	17 A
Battery recharge time	< 72 hours to 80%
Deep discharge protection	Battery disconnect at 10.6 V battery terminal voltage
Protection	Reverse battery connection protection
Fuse	
Load	F2.0A
Battery	F2.0A
Operating temperature	-10 to +40°C
Storage temperature	-20 to +80°C
Relative humidity	75%
Housing (steel) powder coated	1.2 mm
Dimensions (W x H x D)	330 x 275 x 80 mm
Weight without battery	4.5 kg
Certifications	EN50131-6:2008 Environmental Class II

Ordering Information

Part No.	Description
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