



PM812N-G3

Switch mode, boxed power supply, EN50131-6 grade 3 certified, 13.8 VDC

EN certified

Suitable for use in systems designed to comply with EN50131-6:2008 Grade 3 and Environmental Class II requiring 18Ah standby battery capacity.

Protection

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



Standard Features

- Intelligent active battery monitoring
- Fault signals for loss of mains, battery fail and power supply fault
- Battery deep discharge protection
- Tamper switch
- Protection against reverse battery connection
- Electronic overload protection
- LED's for comprehensive diagnostics
- Powder coated steel housing
- EN50131-6:2008 grade 3 certified

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Specifications

Rated voltage	100-240 VAC
Output voltage	13.8 VDC nominal
Output current	
Mains	1.5 A
Battery for 12 hours	1.5 A with 18 Ah battery
Battery for 30 hours	0.6 A with 18 Ah battery
Output Ripple	<400 mV pk – pk max @ rated voltage
Max. battery size	18 Ah 12V
Battery recharge time	< 24 hours to 80%
Deep discharge protection	Battery disconnect at 10.5 V battery terminal voltage
Protection	Reverse battery connection protection
Fuse	
Load	F1.6 A
Battery	F1.6 A
Operating temperature	-10 to +40°C
Storage temperature	-20 to +80°C
Housing (steel) powder coated	1.2 mm
Dimensions (W x H x D)	330 x 275 x 80 mm
Weight without battery	3.3 kg
Certifications	EN50131-6:2008 Grade 3 Type A Environmental Class II

Ordering Information

Part No.	Description
PM812N-G3	Switch mode, boxed power supply, EN50131-6 grade 3 certified, 13.8 VDC 1.5A

