

PM812N-G3

Power Supply Switch Mode 12VDC-1.4A EN Gr.3

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.



Details

- 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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Technical specifications

General

Fuse(s)	Load: F1.6 A, Batt: F1.6 A
Deep discharge protection	Battery disconnect @ 10.5 V battery terminal voltage
Protection	Reverse battery connection protection

Electrical

Mains input	100 to 240 VAC
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Output

Power output voltage	13.8 VDC
Output ripple	<400 mV pk - pk max. @ rated voltage
Power output current mains	1.5 A

Battery

Max. Battery capacity	18 Ah 12 V
Power output current battery	12 hours 1.5 A with 18 Ah battery, 30 hours 0.6 A with 18 Ah battery
Battery recharge time	< 24 hours to 80%

Physical

Physical dimensions	330 x 275 x 80 mm (W x H x D)
Net weight	3.3 kg (without battery)
Colour	White
Form factor	Steel cabinet

Environmental

Operating temperature	-10 to +40°C
Storage temperature	-20 to +80°C

Standards & Regulation

EN50131 Grade	Grade 3
Compliance	CE, REACH, RoHS 2, WEEE
Certification	EN50131 Grade 3

Housing (steel) powder coated

	1.2 mm
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Certifications

	EN50131-6:2008 Grade 3 Type A
	Environmental Class II



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