PM812N-G3

Power supply, Switch Mode, 13.8 VDC, 1.5 A, EN Grade 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
- Tamperswitch
- Protection against reverse battery connection
- Electronic overload protection
- LED's for comprehensive diagnostics
- Powder coated steel housing
- EN50131-6:2008 grade 3 certified

PM812N-G3

Power supply, Switch Mode, 13.8 VDC, 1.5 A, EN Grade 3

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

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 h, 1.5 A with 18 Ah battery / 30 h, 0.6 A with 18 Ah battery
Battery recharge time	<24 h 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
Housing (steel) powder coated	1.2 mm

Environmental

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

Regulatory

EN50131 Grade	Grade 3
Compliancy	CE, REACH, RoHS 2, WEEE
Certification	EN50131 Grade 3
Certification	EN50131-6:2008 Grade 3 Type A
	Environmental Class II

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