

# PM811N-G2

## Power Supply Switch Mode 12 VDC-1 A EN Gr.2

### Certified Gr.2

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Suitable for use in systems designed to comply with EN50131-6:2008 Grade 2 and Environmental Class II requiring 8 Ah standby battery capacity.

### Protection

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



### Details

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- 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
- LED's for comprehensive diagnostics
- Thermal protection of power circuitry
- Powder coated steel housing
- EN50131-6:2008 Grade 2 Type A certified

# PM811N-G2

## Power Supply Switch Mode 12 VDC-1 A EN Gr.2

### Technical specifications

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#### General

Fuse(s)	Load: F1.0 A, Batt: F1.0 A
Deep discharge protection	Battery disconnect @ 10.6 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 A

#### Battery

Max. Battery capacity	8 Ah 12 V
Power output current battery	12 hours 0.6 A with 8 Ah battery
Battery recharge time	< 72 hours to 80%

#### Physical

Physical dimensions	230 x 200 x 80 mm (W x H x D)
Net weight	2 kg (without battery)
Colour	White
Form factor	Steel cabinet

#### Environmental

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

#### Regulatory

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

#### Housing (steel) powder coated

1.2 mm

#### Certifications

EN50131-6:2008 Grade 2 Type A  
Environmental Class II



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Last updated on 5 May 2023 - 9:28