# PM812N-G3

**Switch mode, boxed power supply, EN50131-6 grade 3 certified, 13.8 VDC, 1.5 A**



## 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

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## Technische specificaties

### General

| | |
|---|---|
| Fuse(s) | Load: F1.6 A, Batt: F1.6 A |
| Deep discharge protection | Battery disconnect at 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 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 × 275 × 80 mm |
| Net weight | 3.3 kg |
| Colour | White |
| Form factor | Steel cabinet |

### 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 |

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