



Product Data Sheet

PM811-G3

Linear mode, boxed power supply, EN50131 grade 3 certified, 12VDC 1A

EN certified

Suitable for use in systems designed to comply with EN50131-6:2008 to Grade 3 and Environmental Class II requiring 7Ah standby battery capacity.

Protection

Comprehensive protection is built-in as standard including mains transient filtering, transformer thermal fuse, 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
- Transformer thermal fuse
- Powder coated steel housing
- EN50131-6:2008 grade 3 certified

PM811-G3

Linear mode, boxed power supply, EN50131 grade 3 certified, 12VDC 1A

Specifications

| | |
|-------------------------------|---|
| Input voltage | 230 VAC |
| | +10% / -15% |
| Output voltage | 13.8 VDC |
| Output current | |
| Total available | 1A + 0.5A to charge standby battery (typically 7A) |
| Mains | 1 A |
| Battery for 12 hours | 0.6 A with 7 A battery |
| Battery for 24 hours | 0.3 A with 7 A battery |
| Output Ripple | <100 mV pk – pk max @ 230 VAC |
| Max. battery size | 7.2 A |
| 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 | F1.6A |
| Battery | F1.6A |
| Operating temperature | -10 to +40°C |
| Storage temperature | -20 to +80°C |
| Relative humidity | 75% |
| Housing (steel) powder coated | 1.2 mm |
| Dimensions (W x H x D) | 230 x 200 x 80 mm |
| Weight without battery | 4.7 kg |
| Certifications | EN50131-6:2008 grade 3 Environmental Class II |

Ordering Information

| Part No. | Description |
|----------|--|
| PM811-G3 | Linear mode, boxed power supply, EN50131 grade 3 certified, 12VDC 1A |

