

PM865

Power Supply Switch Mode 24VDC-5A

This efficiency cost effective power supply is ideal for use in Fire, Access control and general security applications. Featuring a regulated 27.6 Vdc output supplying continuous full rated current to load plus additional current for charging two x 12V standby batteries.

The highly efficient switch mode design ensures low operating costs, generates less heat and with a small physical size increases the room available for additional PCBs or cables. The modular construction simplifies maintenance.



Standard Features

- Fault and mains present indicators
- Battery disconnect to prevent deep discharge
- Tamper switch
- Fault outputs
- Mains and dc fuse
- Powder coated steel housing

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Specifications

| Electrical | |
|-------------------------------|--|
| Mains input | 230 VAC 50 Hz ±10% |
| Output | |
| Power output voltage | 27.6 VDC |
| Output ripple | 100 mV pk-pk max. |
| Power output current mains | 5 A |
| Battery | |
| Max. Battery capacity | 7.2 Ah (x2) |
| Battery charge current | 1 A |
| Battery recharge time | 20 hours |
| Battery disconnect voltage | 19.6 ±0.2 VDC |
| General | |
| Fuse(s) | 230 VAC input 3.15 A, 12/24 V output 5 A |
| Physical | |
| Physical dimensions | 330 x 275 x 80 mm (W x H x D) |
| Colour | White |
| Form factor | Steel cabinet |
| Environmental | |
| Operating temperature | -10 to +40°C |
| Relative humidity | 95% |
| Standards & Regulation | |
| Compliance | CE, REACH, RoHS 2, WEEE |
| Load output | |
| | 4 A |
| Output ripple | |
| | Max. 100 mVrms |
| Open collector output | |
| | Open circuit on fault or mains fail - 0 V - 100 Ma |
| Housing (steel) powder coated | |
| | 1.2 mm |

Ordering Information

| Part No. | Description |
|----------|-----------------------------------|
| PM861 | Power Supply Switch Mode 24VDC-1A |
| PM862 | Power Supply Switch Mode 24VDC-2A |
| PM863 | Power Supply Switch Mode 24VDC-3A |
| PM865 | Power Supply Switch Mode 24VDC-5A |