PM863

Power supply, Switch Mode, 24 VDC, 3 A

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.



Details

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

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Technical specifications

General

Fuse(s)	230 VAC input 2 A, 12/24 V output 3 A

Electrical

Mains input	230 VAC 50/60 Hz ±10%
Load output	2 A

Output

Power output voltage	27.6 VDC
Output ripple	100 mV pk-pk max.
Power output current mains	3 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

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 %

Regulatory

Compliancy	CE, REACH, RoHS 2, WEEE

Outputs

Open collector output	Open circuit on
Open collector output	Fault or Mains Fail
Open collector output	0 V, 100 mA

Housing (steel) powder coated

	1.2 mm

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