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PM863

Power Supply Switch Mode 24VDC-3A

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

Electrical

Mains input	230 VAC

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

General

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

Physical

Colour	White
Form factor	Steel cabinet

Standards & Regulation

Compliancy	CE, REACH, RoHS 2, WEEE

Input voltage

230 VAC
50 Hz ±10%

Output voltage

27.6 VDC

Load output

2 A

Total output

3 A

Output ripple

Max. 100 mVrms

Max. battery size

7.2Ah (x2)

Battery recharge time

20

Battery disconnect voltage

19.6 ±0.2 VDC

Open collector output

Open circuit on
fault or mains fail
- 0 V - 100 mA

Fuse 12/24 V output

3 A

Fuse 230 VAC input

2 A

Operating temperature

-10 to +40°C

Relative humidity

95%

Housing (steel) powder coated

1.2 mm

Dimensions (W x H x D)

330 x 275 x 80 mm

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