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PM861
Power Supply Switch Mode 24VDC-1A

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 twox12V 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	1 A

Battery

Max. Battery capacity	7.2 Ah (x2)
Battery charge current	0.5 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 1 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

0.5 A

Total output

1 A

Output ripple

Max. 100 mVrms

Max. battery size

7.2 Ah (x2)

Battery recharge time

20

Battery disconnect voltage

19.6 ±0.2 VDC

Open collector output

Open circuit on
fault or mains fail

Fuse 12/24 V output

1.0 A

Fuse 230 VAC input

2 A

Operating temperature

-10 °C 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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