

# 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.



### Details

- 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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### 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 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

Colour White  
Form factor Steel cabinet

#### Standards & Regulation

Compliance CE, REACH, RoHS 2, WEEE

#### Input voltage

230 VAC  
50 Hz ±10%

#### Output voltage

27.6 VDC

#### Load output

4 A

#### Total output

5 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  
- 0 V - 100 Ma

#### Fuse 12/24 V output

5 A

#### Fuse 230 VAC input

3.15 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

