

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.



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	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	
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	
	2 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