

PM861

Boxed 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.



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

PM861

Boxed power supply switch mode, 24VDC 1A

Specifications

Electrical	
Mains input	230 VAC
Output	
Power output current mains	1 A
Output ripple	100 mV pk-pk max.
Power output voltage	27.6 VDC
Battery	
Battery charge current	0.5 A
Max. Battery capacity	7.2 Ah (x2)
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	
Compliance	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

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