

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.



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

Power Supply Switch Mode 24VDC-1A

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	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	
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	
	0.5 A
Output ripple	
	Max. 100 mVrms
Open collector output	
	Open circuit on fault or mains fail
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