

## PM865

Boxed 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.



### Standard Features

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- 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

<b>Electrical</b>	
Mains input	230 VAC
<b>Output</b>	
Power output current mains	5 A
Output ripple	100 mV pk-pk max.
Power output voltage	27.6 VDC
<b>Battery</b>	
Battery charge current	1 A
Max. Battery capacity	7.2 Ah (x2)
Battery recharge time	20 hours
Battery disconnect voltage	19.6 ±0.2 VDC
<b>General</b>	
Fuse(s)	230 VAC input 3.15 A, 12/24 V output 5 A
<b>Physical</b>	
Colour	White
Form factor	Steel cabinet
<b>Standards &amp; Regulation</b>	
Compliance	CE, REACH, RoHS 2, WEEE
<b>Input voltage</b>	
	230 VAC
	50 Hz ±10%
<b>Output voltage</b>	
	27.6 VDC
<b>Load output</b>	
	4 A
<b>Total output</b>	
	5 A
<b>Output ripple</b>	
	Max. 100 mVrms
<b>Max. battery size</b>	
	7.2 Ah (x2)
<b>Battery recharge time</b>	
	20
<b>Battery disconnect voltage</b>	
	19.6 ±0.2 VDC
<b>Open collector output</b>	
	Open circuit on fault or mains fail - 0 V - 100 Ma
<b>Fuse 12/24 V output</b>	
	5 A
<b>Fuse 230 VAC input</b>	
	3.15 A
<b>Operating temperature</b>	
	-10 to +40°C
<b>Relative humidity</b>	
	95%
<b>Housing (steel) powder coated</b>	
	1.2 mm
<b>Dimensions (W x H x D)</b>	
	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