

# PM861

## Power Supply Switch Mode 24VDC-1A

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This efficiency cost effective power supply is ideal for use in Fire, Access control and general security applications.

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Featuring a regulated 27.6 Vdc output supplying continuous full rated current to load plus additional current for charging twox12V standby batteries.

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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

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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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## Power Supply Switch Mode 24VDC-1A

### Technical specifications

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#### General

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Fuse(s)	230 VAC input 2 A, 12/24 V output 1 A
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#### Electrical

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Mains input	230 VAC 50 Hz $\pm$ 10%
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#### Output

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Power output voltage	27.6 VDC
Output ripple	100 mV pk-pk max.
Power output current mains	1 A

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#### Battery

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Max. Battery capacity	7.2 Ah (x2)
Battery charge current	0.5 A
Battery recharge time	20 hours
Battery disconnect voltage	19.6 $\pm$ 0.2 VDC

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#### Physical

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Physical dimensions	330 x 275 x 80 mm (W x H x D)
Colour	White
Form factor	Steel cabinet

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#### Environmental

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Operating temperature	-10 to +40°C
Relative humidity	95 %

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#### Standards & Regulation

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Compliance	CE, REACH, RoHS 2, WEEE
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#### Load output

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0.5 A
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#### Open collector output

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Open circuit on fault or mains fail
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#### Housing (steel) powder coated

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1.2 mm
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