

# PM865

## 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.



### Details

- 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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### Technical specifications

#### General

|         |                                          |
|---------|------------------------------------------|
| Fuse(s) | 230 VAC input 3.15 A, 12/24 V output 5 A |
|---------|------------------------------------------|

#### Electrical

|             |                             |
|-------------|-----------------------------|
| Mains input | 230 VAC<br>50 Hz $\pm 10\%$ |
|-------------|-----------------------------|

#### Output

|                            |                   |
|----------------------------|-------------------|
| Power output voltage       | 27.6 VDC          |
| Output ripple              | 100 mV pk-pk max. |
| Power output current mains | 5 A               |

#### Battery

|                            |                    |
|----------------------------|--------------------|
| Max. Battery capacity      | 7.2 Ah (x2)        |
| Battery charge current     | 1 A                |
| Battery recharge time      | 20 hours           |
| Battery disconnect voltage | 19.6 $\pm 0.2$ VDC |

#### 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

4 A

#### Open collector output

Open circuit on  
fault or mains fail  
- 0 V - 100 Ma

#### Housing (steel) powder coated

1.2 mm

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