

## PM862

### Power Supply Switch Mode 24VDC-2A

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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## Power Supply Switch Mode 24VDC-2A

### Specifications

|                                      |  |
|--------------------------------------|--|
| <b>Electrical</b>                    |  |
| Mains input                          | 230 VAC  |
| <b>Output</b>                        |  |
| Power output voltage                 | 27.6 VDC   |
| Output ripple                        | 100 mV pk-pk max.  |
| Power output current mains           | 2 A  |
| <b>Battery</b>                       |  |
| 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  |
| <b>General</b>                       |  |
| Fuse(s)                              | 230 VAC input 2 A, 12/24 V output 2 A                    |
| <b>Physical</b>                      |  |
| Colour                               | White  |
| Form factor                          | Steel cabinet  |
| <b>Standards &amp; Regulation</b>    |  |
| Compliancy                           | 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>                   |  |
|                                      | 1.5 A  |
| <b>Total output</b>                  |  |
|                                      | 2 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<br>fault or mains fail<br>- 0 V - 100 mA |
| <b>Fuse 12/24 V output</b>           |  |
|                                      | 2 A  |
| <b>Fuse 230 VAC input</b>            |  |
|                                      | 2 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 |