# PM863

## Power supply, Switch Mode, 24 VDC, 3 A

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
- Tamperswitch
- Fault outputs
- Mains and dc fuse
- Powder coated steel housing

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## Power supply, Switch Mode, 24 VDC, 3 A

## Technical specifications

### General

| | |
|---|---|
| Fuse(s) | 230 VAC input 2 A, 12/24 V output 3 A |

### Electrical

| | |
|---|---|
| Mains input | 230 VAC<br>50/60 Hz ±10% |
| Load output | 2 A |

### Output

| | |
|---|---|
| Power output voltage | 27.6 VDC |
| Output ripple | 100 mV pk-pk max. |
| Power output current mains | 3 A |

### Battery

| | |
|---|---|
| Max. Battery capacity | 7.2 Ah (x2) |
| Battery charge current | 1 A |
| Battery recharge time | 20 hours |
| Battery disconnect voltage | 19.6 ±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 % |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 2, WEEE |

### Outputs

| | |
|---|---|
| Open collector output | Open circuit on |
| Open collector output | Fault or Mains Fail |
| Open collector output | 0 V, 100 mA |

### Housing (steel) powder coated

| | |
|---|---|
| | 1.2 mm |

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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