# PSU M AC/DC 5A Power Supply

| Product reference | |
|---|---|
| Part No. | 5100087-02A |
| Manufacturer | Consilium / Salwico |
| Model | PSU M AC/DC 5A |



## Key product facts

01 · Operating temperature
-25°C to +70°C (>40°C lower capacity)

## Product overview

PSU M AC/DC 5A powers the system.

## Key features

- It is short-circuit proof and can be used in pairs to supply 5+5 A.

## Technical specifications

| | | | |
|---|---|---|---|
| Manufacturer Article Number | 5100087-02A | Peak Current | 30 A (12ms) |
| Input voltage AC | 85 – 264 V | Weight | 760g |
| Input voltage DC | 90 – 350 V | Operating temperature | -25°C to +70°C (>40°C lower capacity) |
| Frequency range AC | 45 – 65 Hz | MTBF | > 500 000 |
| Inrush surge current | < 15 A | Cable terminals | 2.5mm² screw type |
| Fuse | 5A (slow-blow, internal) non replaceable | Temperature derating | Capacity is reduced above 40 °C; the stated operating range does not imply full rated output at every temperature. |
| Output voltage | 24 V DC | Internal input fuse | Internal input fuse is non-replaceable; follow the original installation manual. |
| Output voltage range | 18 – 29,5 V | Mounting and convection | Horizontal 35 mm DIN rail mounting; minimum 5 cm vertical and 0.5 cm horizontal clearances. For adjacent active components the source specifies 15 mm lateral clearance; housing can become very hot. |
| Working current | 5 A | Backup protection | A 10 A characteristic-B circuit breaker or equivalent is recommended as backup protection. |
| Max. output current | 7.5 A (<40°C) | Battery/charger use | Set charging output from the battery datasheet; maximum available power depends on PSU capacity and backbone load. |