

HIGH CAPACITY POWER SOURCES

AE/FL-12A

Description

Power supply manufactured and certified EN 54-4 in accordance with European standards and directives DBT, CEM, DEEE 2002/96 CE and RoHS 2002/95 CE, which incorporates

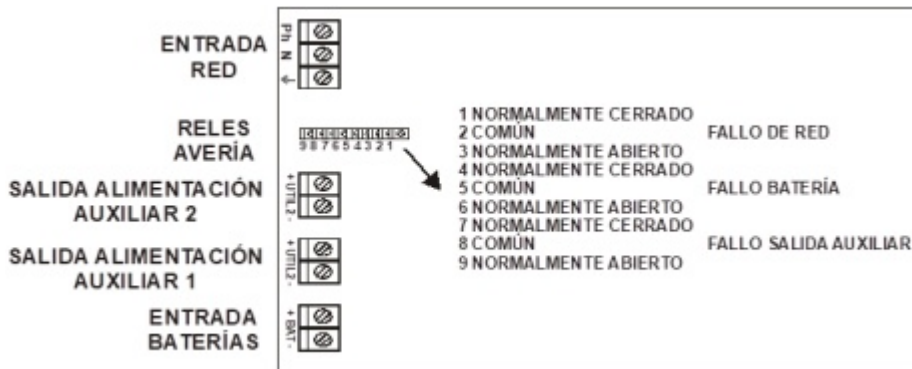
The following functions:

24 Vdc / 12 A 300W

- Two power outputs independently protected.
- Real-time monitoring of the complete system status: network data interface, charger power, battery and protections.
- Temperature compensation: a battery temperature compensation system that allows the battery charge characteristics to be maintained over the entire operating temperature range.
- Product sized to operate at nominal power for 24 hours.
- Capacity for batteries up to 48Ah



Wiring diagram



TECHNICAL CHARACTERISTICS

- Degree of protection: IP31
- Operating temperature:
 -5 ° C to +40 ° C at 100% charge.
 -5 ° C to +50 ° C at 75% charge.
- Storage temperature: -25 ° C to +85 ° C.
- Relative humidity: From 20 to 95%.
- Connection:
- Cable section:
 2.5 mm² net
 6 mm² batteries
 Power (2 outputs) 6 mm²
 Alarm notification (detachable) 1.5 mm²
- Feeding:
 Single phase voltage: from 195 to 264 V.
 Frequency: from 47 to 63 Hz.
 Class I.
 Neutral regimes: TT, TN, IT.
 Primary current at 195V 1.5A
- Batteries:
 Battery type: 2 sealed lead-acid rechargeable batteries of 12V maximum size 48Ah.
 Duration: Replace the batteries every 4 years.

Indicators:

- Power, batteries and fuse status.
- Battery connected
- Temperature inside the box
- Correct battery voltage
- Service

Relay Outputs:

- NO, C and NC contacts.
- Relay mains failure status
- Status relay battery failure
- Status relay auxiliary output fault
- NO, C and NC contacts. Activated at rest.

PHYSICAL CHARACTERISTICS

Dimensions:

- Width: 408 mm
- High: 408 mm
- Depth: 224 mm.

Color: RAL 7035

Material: Laminated sheet

Weight: 1 kg without batteries

