

Mobile power supply 28Vdc – ALT-ADT Range

The mobile ALT-ADT 28Vdc power supply range is used to supply vehicles like aircraft, helicopters, drones...

The power supply is used to replace the on-board network supply allowing the verification of on-board equipment without using the on-board batteries.

Certain models can provide high peak currents for engine start requirements.



Easy to use, the power supply is quickly installed and ready for operation.

The connector types can be modified according to customer

Technical Specification

Input :

- Voltage: 230 or 400Vca \pm 10% three phase
- Frequency: 50 or 60 Hz \pm 5%.
- Other voltages, frequencies: on request

Output :

- Voltage: 28Vdc
- Current : 200A, 350A, 600A, other on request
- Accuracy: \pm 1 % (in stabilised status).
- Ripple voltage: < 5%.
- Galvanic isolation between input & output
- Overload current adjustment : in option on ALT Model
- Voltage or/and current adjustment on option

Technology :

- Rectified, controlled and filtered or high frequency technology depending on the model.
- Regulated, filtered DC current
- Output current limited
- Protection against short-circuit
- Designed to limit noise reinjected on the network.

Alarms & control :

- On light indicator
- Analog display (voltmeter & ammeter)
- ON/OFF button
- Emergency stop button
- On request: fault light indicators, tuning potentiometer....

Protections :

- Input : fuse or breakers
- Output: bipolar fuse
- Short circuit protection
- Thermal protection.
- Very robust design

Presentation :

- Mobile version : can be moved manually – IP23
- Storage of the cables on the top and roller at the back.
- Colour: blue & white or Green OTAN

Environmental specifications :

- Working Temperature: -10 à 45°C.
- Storage Temperature: -20 à 70°C.
- Humidity: de 0 à 95 % without condensation.
- Outdoor usage: depending on the model

Options :

- Special connectors
- Potentiometer to tune output voltage and/or current
- Status indicators
- IP level
- Colour

Standard:

- CE certified
- NFC15100, EN2282, GAM EG13 depending on model

Mechanical Characteristics

Dimensions

- Model with 2 wheels:
 - High : 1090mm / width : 690 mm / Length : 950 mm
- Model with 4 wheels:
 - High : 1150 mm / width : 900 mm / Length : 1460 mm

FR-ALT-ADT-28-EN-C