

# MOBILE 28VDC POWER SUPPLY

## 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 specification.



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## MAIN TECHNICAL SPECIFICATIONS

### INPUT

- Voltage: 230 or 400Vca  $\pm$  10% three phases
- 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 mode)
- Ripple voltage: < 5%
- Galvanic isolation between input & output
- Overload current adjustment: in option on ALT Model
- Voltage or/and current adjustment – 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

### DISPLAY AND CONTROL PANEL

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

### PROTECTION

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

### PRESENTATION

- Mobile version: can be moved manually – IP23
- Input and output connection by cables with connectors suited to the application
- Colour: blue & white or Green OTAN

### ENVIRONNEMENTAL 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
- Transient overload current
- Status indicators
- IP level
- Colour

### STANDARD

- CE certified
- Compliant with NFC15100 / EN2282 / GAM EG13 - depending on the model

## MECHANICAL CHARACTERISTICS

2 WHEEL MODEL		4 WHEEL MODEL	
Height:	1090 mm	Height:	1150 mm
Width:	690 mm	Width:	900 mm
Depth:	950 mm	Depth:	1460 mm