



## Technical Data: INT-1500

- 1500 Watt continuous power, 3000 Watt Peak Power
- Over Temperature protection
- Overload protection
- Short-Circuit protection
- Over Voltage protection
- Battery-low alarm/high shutdown
- The efficiency is <85% at 12Vdc input and full load
- On/off switch with soft-start
- Cooling fan: Fan force cooling
- TC fan start temp.(SENSOR): 45°C ±5°C
- AC output fully isolation design
- LEDs display
- AC transfer time<0.1s
- Approval for E-mark/ CE certified



Applications: Commercial and Non-Commercial Vehicles, Caravans, camping bus, truck, tracker, bus, vehicle TVs, lamps, power tools, battery charger, stereo amplifier, pump, drill, etc..

|                          |                         |                         |
|--------------------------|-------------------------|-------------------------|
| Input Voltage Vdc:       | 12Vdc (10...16Vdc)      | 24Vdc (20...32Vdc)      |
| Output Power Continuous: | 1500W (3000Wpk)         | 1500W (3000Wpk)         |
| Output Voltage:          | 230Vac<br>2 X AC SCHUKO | 230Vac<br>2 X AC SCHUKO |
| Regulation:              | ±5%                     | ±5%                     |
| Frequency Hz:            | 50/60 Hz                | 50/60Hz                 |
| Standby Current:         | 1.3A@230Vac             | 0.7A@230Vac             |
| Output Waveform:         | True sine wave          | True sine wave          |
| Efficiency:              | 85%...90%               | 85%...90%               |
| Thermal Protection:      | 60°C ± 10°C             | 60°C ± 10°C             |
| Cooling fan:             | Yes                     | Yes                     |
| Short Protection:        | Yes                     | Yes                     |
| Overload Protection:     | Yes                     | Yes                     |
| Low Battery Alarm:       | 10.5Vdc ±0.5Vdc         | 21Vdc ±1Vdc             |



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|                           |                    |                   |
|---------------------------|--------------------|-------------------|
| Low Battery Shutdown:     | 10Vdc $\pm$ 0.5Vdc | 20Vdc $\pm$ 1Vdc  |
| High Battery Shutdown:    | 15Vdc $\pm$ 0.5Vdc | 32Vdc $\pm$ 1Vdc  |
| Battery Polarity Reverse: | Yes (by 35A Fuse)  | Yes (by 20A Fuse) |
| Operating Temperature:    | -15°C...50°C       | -15°C...50°C      |
| Dimensions (L x W x H):   | 420 x 223 x 103 mm |                   |
| Weight:                   | 6200g              |                   |

#### Protection:

When the output load is over (105% to 110%), the inverter will shut down to avoid damage (At room temperature 25°C). An alarm buzzer will sound when the input voltage is over 16.5V $\pm$ 1.0Vdc, the inverter will shut down to protect the battery and prevent damage to the plugged device.

The inverter's battery low alarm will sound at 10.5 $\pm$ 0.5Vdc. The inverter will shutdown at 10.0 $\pm$ 0.5Vdc.

#### LED Signalization:

Green LED on front panel to confirm power on, red LED on front panel to warn of a faulty condition, yellow LED lights up when over temperature occurs. Shutdown will occur when the temperature inside the inverter reaches 60  $\pm$  10°C.

#### Housing:

Aluminum alloy case in silver colours with refined surface, the standard colour of housing is in silver, the colour of housing and material is customizable with terms. INT-1500W pure sine wave inverter does not produce electrical noise, and will not damage your applications.

#### Accessories:

INT-1500W Remote