



Technical Data: INT-2500

- 2500 Watt continuous power, 5000 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...15Vdc)	24Vdc (20...30Vdc)
Output Power Continuous:	2500W (5000Wpk)	2500W (5000Wpk)
Output Voltage:	230Vac 2 X AC SCHUKO	230Vac 2 X AC SCHUKO
Regulation:	±5%	±5%
Frequency Hz:	50/60 Hz	50/60Hz
Output Waveform:	True sine wave	True sine wave
Efficiency:	85...90%	85...90%
No Load Current Draw:	<2.0A	<1.5A
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
Low Battery Shutdown:	10Vdc ±0.5Vdc	20Vdc ±1Vdc



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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):	480 x 289 x 100 mm	
Weight:	8000g	

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-2500W pure sine wave inverter does not produce electrical noise, and will not damage your applications.

Accessories:

INT-2500W Remote