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## Technical Data: INT-2000

- 2000 Watt continuous power, 4000 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:	2000W (4000Wpk)	2000W (4000Wpk)
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 40A 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:	6500g	

#### 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-2000W pure sine wave inverter does not produce electrical noise, and will not damage your applications.

#### Accessories:

INT-2000W Remote