



# EN230100-12

12V 3000W 100A  
Inverter Charger



## FEATURES

With our state of the art, easy to use design, this product will offer you True Sinewave AC power for your RV, Marine, 4WD and remote power needs, whilst also recharging your battery automatically when 240V AC is available.

- Seamless 16A AC Internal Transfer Switch
- AC RCD/Safety Switch with test button
- Variable settings offered for Gel, Flooded, AGM, and Lithium battery compatibility.
- Multi-stage charging ensures batteries are charged to their manufacturer's recommendations.
- Remote Control Display Panel
- Regulated Pure Sine Wave Output
- Quiet Operation
- Compact Size for Easy Installation
- Lightweight compact design
- Built-in load sense to minimize battery drain



## SPECIFICATIONS

<b>SKU</b>	<b>EN230100-12</b>
<b>Charger Output Current (Maximum)</b>	100A
<b>AC Output Power</b>	3000W
<b>AC Output Current</b>	13.0A
<b>AC Output Voltage</b>	230VAC
<b>AC Output Waveform</b>	True Sinewave (<3% THD)
<b>Nominal DC Input Voltage</b>	12.5Vdc
<b>DC Input Voltage operating range</b>	10.5 – 16.5 VDC
<b>Under Voltage Alarm</b>	11.0 / 12.5 VDC
<b>Under Voltage Shutdown</b>	10.5 / 12.0 VDC
<b>Over Voltage Shutdown</b>	16.5 VDC
<b>AC Transfer Switch</b>	Yes
<b>Transfer Time</b>	<30ms
<b>Transfer Relay Rating</b>	16A
<b>AC Input socket IEC-C20</b>	16A Heavy Duty Connector
<b>AC Output socket IEC-C19</b>	16A Heavy Duty Connector
<b>Safety and Environmental</b>	
<b>Conformance</b>	LVD: EN/IEC 62040-1, IEC 61558-2-16
<b>Agency Markings</b>	CE
<b>Operating Temperature</b>	0°C to 40°C
<b>Peak Efficiency</b>	90%
<b>Storage Temperature</b>	-20°C to 60°C
<b>Relative Humidity</b>	5 - 90% non-condensing
<b>Operating Altitude</b>	Up to 3000m above sea level
<b>Weights and Dimensions</b>	
<b>Weight</b>	10.4kg
<b>Dimensions (W x H x D)</b>	307W x 533H x 108Dmm
<b>Warranty</b>	5 Years

*Note: Specifications subject to change without notice.*