

# DC to AC Inverter

## ISO9001:2000

- Output voltage 220 Vac +/- 1%
- Full bridge 20 KHz PWM inverter
- Automatic & Manual bypass switch
- current overload protection
- Short circuit protection
- Compact and light
- High reliability

Specification	
Model	DC to AC Inverter
Capacity	2000 VA.
Input Voltage	DC 125 V.(93-156)
Output	<ul style="list-style-type: none"> <li>-Voltage (single phase) 220 Vac +/- 1%</li> <li>-Frequency 50 Hz +/- 0.1% free running</li> <li>-Wave form pure sine wave</li> <li>-Total Harmonic distortion &lt; than 3% at full linear load</li> <li>-Transient condition &lt; 5% for 100% instantaneous load variation</li> <li>-Overload capacity 125 % for 60 seconds</li> <li>-Crest factor ratio &gt; 2.5:1</li> </ul>
EMI / RFI Protection	YES
Static Transfer Switch	Manual and Automatic By pass when Inverter fail
Indicator	<ul style="list-style-type: none"> <li>-Alarm Battery , Trouble , AC loss</li> <li>-LED's Power,system, inverter, bypass, low bat , Bat loss,fail</li> </ul>
Input Connection	-DC & Line Reserve Terminal
Output Connection	Terminal E-TEN
Protection	<ul style="list-style-type: none"> <li>-DC Input Main Circuit Breaker</li> <li>-Line reserve Input Main Circuit Breaker</li> <li>-AC Output Main Circuit Breaker</li> <li>-Output Short Circuit Electronics Sensor Circuit (inverter mode)</li> </ul>
Environment	<ul style="list-style-type: none"> <li>-Temperature 0-45 °C</li> <li>-Humidity 0-95% (non-condensing)</li> </ul>
Weight (Kg)	App. 30 Kg.
Physical Dimensions W x H x D (cm)	30 x 40 x 50