• Pure sine wave solar inverter
• Output power factor 1
• Selectable high power charging current
• Wide DC input range
• Selectable input voltage range for home appliances and personal computers
• Configurable AC/Solar input priority via LCD setting
• Compatible with mains voltage or generator power
• Auto restart while AC is recovering
• Overload and short circuit protection
• Smart battery charger design for optimized battery performance
• Cold start function
• Optional anti-dusk kit

**TRI CCI All-in-One Off Grid Inverter**

|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|

**INPUT**
- Voltage: 230 VAC
- Selectable Voltage Range: 170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances)
- Frequency Range: 50 Hz/60 Hz (Auto sensing)

**OUTPUT**
- AC Voltage Regulation (Batt. Mode): 230VAC ± 5%
- Surge Power: 2000VA
- Efficiency (Peak): 90% ~ 93%
- Transfer Time: 10 ms (For Personal Computers); 20 ms (For Home Appliances)
- Waveform: Pure sine wave

**BATTERY**
- Battery Voltage: 12 VDC
- Floating Charge Voltage: 13.5 VDC
- Overcharge Protection: 16 VDC
- 24 VDC: 31 VDC
- 48 VDC: 33 VDC
- 54 VDC: 63 VDC

**SOLAR CHARGER & AC CHARGER**
- Solar Charger type: PWM
- MPPT
- Maximum PV Array Open Circuit Voltage: 55 VDC
- Maximum PV Array Power: 600 W
- Maximum Solar Charge Current: 50 A
- Maximum AC Charge Current: 20 A
- Maximum Charge Current: 50 A

**PHYSICAL**
- Dimension, D x W x H (mm): 88 x 225 x 320
- Net Weight (kgs): 5.0
- Communication Interface: USB/RS232

**ENVIRONMENT**
- Humidity: 5% to 95% Relative Humidity (Non-condensing)
- Operating Temperature: -10°C to 50°C
- Storage Temperature: -15°C to 60°C

*Product specifications are subject to change without further notice.*