

Smart Sine-wave Inverter SSI-200W

- Generates Solar Power Electricity To Your Home

1. General Features:

- Constant Power Output
- Pure sine wave
- Low distortion output at all ranges
- Grid connected - synchronous with the city mains supply
- All load power factors are allowed
- No re-wiring required to adapt for the Solar/AC mains change-over
- Non battery operated, convenient design for direct connection to PV panels
- Simple and extremely safe installation
- Island protected: Inverter will shut down in the event that the city mains are tripped
- Max Power Tracking design for Solar PV Panels
- Protected Against Reversed DC Connection
- Tracing LED for Output Power Indicator
- Compact, light weight and silent design
- ROHS design



2. Electrical Specifications

Nominal Output Power	200 VA
Maximum Peak Load	250 VA
Output Waveform True Sine Wave	<5% THD
Maximal Efficiency	91%
Power Factor	0.99
Output Operation Limits (Grid Tied):	
@220VAC Tracking Voltage Range	190-250V at 46Hz - 65Hz
@110VAC Tracking Voltage Range	90-130V at 46Hz - 65Hz
Nominal DC Input Voltage	14V – 28V
Min DC Input Power Required	20W (14 – 28VDC)
Optimum DC Power Input	> 250W
Max Power Tracking (MPT)	15% higher than ordinary MPT Solar Charger
Standby Power	1VA