



**RAPSTECH™**



**ECOPro**  
Pure Sine Wave UPS

**INVERTER  
Eco Pro 1100**



## HOME INVERTER

### Model: Eco Pro 1100



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Pure Sine Wave UPS

### Features:

- Advanced Hybrid Controller Based **MOSFET PWM PURE SINE WAVE UPS**.
- **15 KHZ** Switching Frequency helps your equipments to run without any noise
- Intelligent Charger for **Smart Battery** Management.
- **Fast Change Over** ensures compatibility with computers ( <15ms).
- Regulated Output Voltage and Frequency for a smooth and quiet operation of AC Motor and Inductive Loads unlike the irritating noise that comes from Modified Sine Wave Systems.
- Equipped with **Bypass Switch** to avoid any problem during UPS failure (1kVA and above).
- Smart Overload and Short Circuit Protection with 5 times Auto Re-tries.
- **SMD** Based PCB Boards offers higher efficiency than other conventional Boards and totally eliminate chances of human errors while manufacturing.
- In built **Thermal Management**.
- Easy monitoring of all the status of UPS through Graphical LED Displays like **Mains ON / Charging ON / UPS ON / Low Battery / Over Load**



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### Applications:

- TV
- Fan
- CFL
- Tube Lights
- Computers
- Printers
- Projectors,
- Mixer Grinder
- Air Cooler
- Fridge
- Induction Stove,
- Iron Box
- RO Systems
- Water Pumps &
- Audio Systems

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## Technical Specifications

### AC Main Mode

Input Voltage Range (INVERTER Mode)	100 to 280 Vac + 5 Vac
Input Voltage Range (UPS Mode)	180 to 270 Vac + 5 Vac
Change over time	<10 ms in UPS Mode <30 ms in Inverter Mode
Min Charging Current	10A + 1A
Max Charging Current	12.5A + 1A
Boost Charging Voltage	14.4 + 0.2 Vdc per battery
Float Charging Voltage	13.7 + 0.2 Vdc per battery

### Battery Backup Mode

Output Voltage at No Load	220 Vac + 7 Vac
Output Frequency	50 Hz + 0.5 Hz
Output Waveform	100% PURE SINE WAVE
Battery Low Alarm	10.6 + 0.2 Vdc per battery
Battery Low Protection	10.4 + 0.2 Vdc per battery