



## Nextwave MEGA POWER 750VA

### Features

- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC



<b>Model</b>	<b>Nextwave Mega power 750va interactive</b>
<b>Cabacity</b>	<b>750 va / 450 W</b>
<b>INPUT</b>	
<b>Voltage</b>	<b>100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)</b>
<b>Frequency</b>	<b>50 / 60 Hz ± 10% (auto-sensing)</b>
<b>OUTPUT</b>	
<b>Voltage</b>	<b>100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%</b>
<b>Frequency</b>	<b>50 / 60 Hz ± 1% (auto-sensing)</b>
<b>Waveform</b>	<b>Mains mode: pure sine wave; Battery mode: simulated sine wave</b>
<b>Transfer time</b>	<b>Typical 2 ~ 7 ms, 10 ms max.</b>
<b>BATTERIES</b>	
<b>DC voltage</b>	<b>12 V</b>
<b>Inbuilt battery</b>	<b>12 V / 7.0 Ah</b>
<b>Recharge time</b>	<b>6 ~ 8 h</b>
<b>OTHERS</b>	
<b>Protections</b>	<b>Short circuit - battery overcharge – overdischarge – overload - surge</b>
<b>Humidity</b>	<b>20 ~ 90 % RH @ 0 ~ 40°C (non-condensing)</b>
<b>Noise level</b>	<b>≤ 45 dB (1 m)</b>
<b>Dimensions (WxDxH) (mm)</b>	<b>100 × 290 × 140</b>
<b>Net weight (kg)</b>	<b>4.3</b>
<b>Gross weight (kg)</b>	<b>4.6</b>

