



Nextwave MEGA POWER 850VA

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



Model	Nextwave Mega power 850va interactive
Cabacity	850 va / 510 W
INPUT	
Voltage	100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)
Frequency	50 / 60 Hz ± 10% (auto-sensing)
OUTPUT	
Voltage	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%
Frequency	50 / 60 Hz ± 1% (auto-sensing)
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave
Transfer time	Typical 2 ~ 7 ms, 10 ms max.
BATTERIES	
DC voltage	12 V
Inbuilt battery	12 V / 8.0 Ah
Recharge time	6 ~ 8 h
OTHERS	
Protections	Short circuit - battery overcharge – overdischarge – overload - surge
Humidity	20 ~ 90 % RH @ 0 ~ 40°C (non-condensing)
Noise level	≤ 45 dB (1 m)
Dimensions (WxDxH) (mm)	100 × 290 × 140
Net weight (kg)	5.2
Gross weight (kg)	5.5

