

EA200Pro+

400 VA ~ 1000 VA



Features

- LED display
- 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 USB ports
- Unattended safety shutdown: system alarm and auto Power-On / Off by USB interface communicating with PC

Panel interface

1. USB(optional)
2. AC input
3. Battery charge state (red)
4. Battery Mode (amber)
5. AC Mode (green)
6. On / Off button
7. Output outlets



Specifications

MODEL	EA240Pro+	EA260Pro+	EA280Pro+	EA2100Pro+
Capacity	400VA / 240W	600VA / 360W	800VA / 480W	1000VA / 600W
INPUT				
Voltage range	100 / 110 / 120 Vac; 80 - 150 Vac; 220 / 230 / 240 Vac; 162 - 295 Vac or 145 - 295 Vac			
Frequency range	50 / 60 Hz (auto-sensing)			
OUTPUT				
Output voltage (battery mode)	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%			
Output frequency (battery mode)	60 Hz / 50 Hz ± 1% (auto-sensing)			
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave			
Switching time	2 - 8 ms (typical), 12 ms (max.)			
BATTERIES				
DC voltage	12 V			
Configuration	12 V / 4.5 Ah×1	12 V / 7.0 Ah×1	12 V / 8.0 Ah×1	12 V / 9.0 Ah×1
Recharge time	6 ~ 8 h			
INDICATORS				
Led display	AC Mode, Battery Mode, Battery charge state			
PROTECTION				
Full protection	Short circuit, battery overcharge, over discharge, overload, surge protections			
OPERATING ENVIRONMENT				
Operating temperature	0 - 40°C			
Relative humidity	5 - 90%			
PHYSICAL				
Dimensions (W × D × H) (mm)	175×255×93			
Net/Gross weight (kg)	3.7 / 4.0	4.2 / 4.5	5.2 / 5.5	5.4 / 5.8