

EA200 Plus

600 VA ~ 1000 VA



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 USB & RJ45 ports
- Unattended safety shutdown: system alarm and auto Power-On / Off by USB interface communicating with PC

Rear Panel

1. UPS output with surge protection
2. Bypass output with surge protection
3. AC Input
4. USB (optional)
5. RJ45 (optional)



Control Panel

1. AC Normal Indicator (green)
2. Battery Charging Indicator (amber)
3. Back-up Indicator (red)
4. On / Off button
5. Mains state
6. Output voltage
7. Battery capacity
8. Load capacity
9. Charging port 5V/3A



Specifications

| MODEL | EA260P | EA280P | EA2100P |
|--|--|-----------------|-----------------|
| Capacity | 600 VA / 360 W | 800 VA / 480 W | 1000 VA / 600 W |
| INPUT | | | |
| Voltage range | 220 / 230 / 240 Vac: 162 - 295 Vac or 145 - 295 Vac | | |
| Frequency range | 50 / 60 Hz (auto-sensing) | | |
| OUTPUT | | | |
| Output voltage (battery mode) | 220 / 230 / 240 Vac ± 10% | | |
| Output frequency (battery mode) | 50 Hz / 60 Hz ± 1% (auto-sensing) | | |
| Waveform | Mains mode: pure sine wave; Battery mode: simulated sine wave | | |
| Switching time | 2 - 8 ms (typical), 12 ms (max.) | | |
| Outlet(s) - Total | 8 (Bipasso-schuko socket) | | |
| Outlet(s) - Battery & Surge Protected | 4 (Bipasso-schuko socket) | | |
| Outlet(s) - Surge Protected | 4 (Bipasso-schuko socket) | | |
| BATTERIES | | | |
| DC voltage | 12 V | | |
| Configuration | 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(LED version) | AC mode, battery mode, battery charge state | | |
| LCD display(LCD version) | Mains state, output voltage, battery capacity, load capacity | | |
| PROTECTION | | | |
| Full protection | Short circuit, battery overcharge, over discharge, overload, surge | | |
| OPERATING ENVIRONMENT | | | |
| Operating temperature | 0 - 40°C | | |
| Relative humidity | 5 - 90% | | |
| PHYSICAL | | | |
| Dimensions (W × D × H) (mm) | 205×285×94 | | |
| Packaged Dimensions (W × D × H) (mm) | 255×350×144 | | |
| Net/Gross weight (kg) | 4.5 / 4.8 | 5.5/5.8 | 6.0/6.4 |