

AR200

400 VA ~ 3000 VA



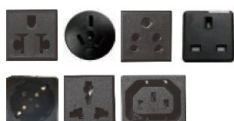
Features



- ◆ 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/ over-discharge, overload, surge protections
- ◆ Automatic charging in OFF mode
- ◆ Optional no-load shutdown
- ◆ Optional USB communication port and RJ45 protection
- ◆ Unattended safety shutdown: system alarm and auto Power-Off by USB interface communicating with PC

Rear Panel

1. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB communication (optional)
4. AC Input
5. AC Breaker
6. Fuse



Optional Outlets

AR200

Specifications

Model	AR240	AR260	AR280	AR2120	AR2150	AR2160	AR2300
Capacity	400 VA 240W	600 VA 360W	800VA 480W	1200 VA 720W	1500 VA 900W	2000 VA 1200W	3000 VA 1800 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 8 ms, 10 ms max.						
BATTERIES							
DC voltage	12 V			24 V			48V
Configuration	12V/4.5 Ah x 1	12V/7.0 Ah x 1	12 V / 8.0 Ah x 1	12 V / 7.0 Ah x 2	12V / 8.0 Ah x 2	12V/9.0 Ah x 2	12V/9.0 Ah x 4
Recharge time	6-8h						
OTHERS							
Protections	Short circuit , battery overcharge, overdischarge , overload , surge						
Communications	USB (optional)						
Humidity	20 - 90% RH@ 0 - 40°C (non-condensing)						
Noise level	S45dB(1 m)						
Net/ Gross weight (kg)	3.4/ 3.6	4.2 / 4.7	4.9 / 5.3	8.8 / 9.4	9.4 / 10.0	10.2/10.8	19.3/20.6
Dimensions (W x D x H) (mm)	100X 240 X 142	100 X 280 X 142		136 X 328 X 186			157X 452 X 211
Packaged dimensions (W x D x H) (mm)	139 X 282 X 210	139x325x210		185 X 374 X 269			238X 536 X 295
Quantity/ 20 ft							658 pcs