

ARES[®]



Innovation Shapes the future

Power Quality Solution Supplier

UPS | Inverter | Data Center | Battery | Solar System
Stable | Intelligent | Green Energy | Energy Saving



ARES

AR200

650VA ~ 2000VA

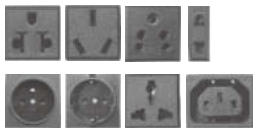


Features

- 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

Rear Panel

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



Optional sockets



400VA ~ 800VA



1200VA ~ 1500VA



1500VA ~ 2000VA

Specifications

MODEL	AR265i	AR265U	AR280	AR2120	AR2150	AR2200	
Capacity	650 VA 390 W	650 VA 390 W	800VA 480W	1200 VA 720 W	1500 VA 900 W	2000 VA 1200 W	
INPUT							
Voltage	100 V / 110 V / 120 V: 80 ~ 150 Vac 220 V / 230 V / 240 V: 162 ~ 295 Vac (220 V: 145 ~ 295 Vac optional)						
Frequency	50 / 60 Hz ± 10% (auto-sense)						
OUTPUT							
Voltage	100 V / 110 V / 120 Vac ± 10% or 220 V / 230 V / 240 Vac ± 10%						
Frequency	50 / 60 Hz ± 1% (auto-sense)						
Waveform	Mains mode: pure sine wave; battery mode: simulated sine wave						
Transfer time	Typical 2 ~ 6 ms; Max. 10 ms						
BATTERIES							
DC voltage	12 V			24 V			
Configuration	12 V / 7.0 Ah x 1	12V/8.0Ahx1	12 V / 7.0 Ah x 2	12 V / 8.0 Ah x 2	12 V / 9.0 Ah x 2		
Recharge time	6 ~ 8 h						
COMMUNICATIONS							
Supports Windows 98 / 2000 / 2003 / XP / Vista / 2008 / Windows 7 / 8 / 10							
USB / RS232 / SNMP (optional)	RS232	USB		USB			
OTHERS							
Protections	Short circuit – battery overcharge – overdischarge – overload – surge						
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)						
Noise level	≤ 45 dB (1m)						
Plastic case	Net / Gross weight (kg)	4.3 / 4.8	4.3 / 4.8	5.3 / 5.8	9.5 / 10.0	10.7 / 11.2	/
	Dimensions (W × D × H) (mm)	100 × 280 × 140			140 × 345 × 170		/
	Packaged dimensions (W × D × H) (mm)	139 × 325 × 210			198 × 406 × 245		/
	Quantity / 20ft	2300 pcs			1000 pcs		/
Metal case	Net / Gross weight (kg)	/	5.5 / 6.0	6.7 / 7.2	10.5 / 11.2	12.6 / 13.4	14.0 / 14.8
	Dimensions (W × D × H) (mm)	/	95 × 320 × 160		125 × 320 × 225		125 × 380 × 225
	Packaged dimensions (W × D × H) (mm)	/	145 × 375 × 230		180 × 390 × 295		180 × 450 × 295
	Quantity / 20ft	/	2000 pcs		1000 pcs		
Rack mount	Net / Gross weight (kg)	/	7.8 / 8.3	9.0 / 9.5	12.6 / 13.2	15.7 / 16.3	17.0 / 17.6
	Dimensions (W × D × H) (mm)	/	308 × 438 × 88		308 × 438 × 132		
	Packaged dimensions (W × D × H) (mm)	/	395 × 525 × 185		395 × 525 × 225		

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.