

ARES

AR2200TK

2000VA/1200W

With USB

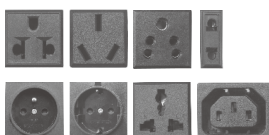


Features

- 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
- Optional SNMP
- Optional Fast battery replace
- Optional USB charger port

Rear Panel

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



Optional sockets



2000VA

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Specifications

MODEL		AR2200TK
Capacity		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 $\pm$ 10% (auto-sense)
OUTPUT		
Voltage		100 V / 110 V / 120 Vac $\pm$ 10% or 220 V / 230 V / 240 Vac $\pm$ 10%
Frequency		50 / 60 Hz $\pm$ 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		24 V
Configuration		12 V / 9.0 Ah $\times$ 2
Recharge time		6 ~ 8 h
COMMUNICATIONS		
USB / RS232 / SNMP (optional)		Supports Windows 98 / 2000 / 2003 / XP / Vista / 2008 / Windows 7 / 8 / 10
OTHERS		
Protections		Short circuit – battery overcharge – overdischarge – overload – surge
Humidity		20 ~ 90% RH @ 0 ~ 40°C (non-condensing)
Noise level		$\leq$ 45 dB (1m)
Plastic case	Net / Gross weight (kg)	/
	Dimensions (W $\times$ D $\times$ H) (mm)	/
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	/
	Quantity / 20ft	/
Metal case	Net / Gross weight (kg)	14.0 / 14.8
	Dimensions (W $\times$ D $\times$ H) (mm)	125 $\times$ 380 $\times$ 225
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	180 $\times$ 450 $\times$ 295
	Quantity / 20ft	1000 pcs
Rack mount	Net / Gross weight (kg)	17.0 / 17.6
	Dimensions (W $\times$ D $\times$ H) (mm)	308 $\times$ 438 $\times$ 132
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	395 $\times$ 525 $\times$ 225

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