

# UPS

400 VA ~ 2000 VA

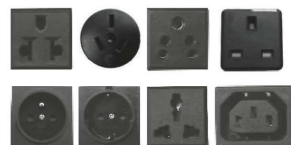


## Features

- 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 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 Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB (optional)
4. AC Input
5. Fuse



Optional outlets



400 VA ~ 800 VA

1200 VA ~ 1500 VA

1500 VA ~ 2000 VA

## Specifications

MODEL	UPS400VA	UPS650VA	UPS1000VA	UPS1200VA	UPS1500VA	UPS2000VA		
Capacity	400 VA 240 W	650 VA 390 W	1000 VA 600 W	1200 VA 720 W	1500 VA 900 W	2000 VA 1200 W		
<b>INPUT</b>								
Voltage	100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)							
Frequency	50 / 60 Hz ± 1% (auto-sensing)							
<b>OUTPUT</b>								
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 2 ~ 7 ms, 10 ms max.							
<b>BATTERIES</b>								
DC voltage	12 V			24 V				
Configuration	12 V / 4.5 Ah x 1	12 V / 7.0 Ah x 1	12 V / 8.0 Ah x 1	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							
<b>OTHERS</b>								
Protections	Short circuit – battery overcharge – overdischarge – overload – surge							
Communications	USB / RS232 / SNMP (optional)							
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)							
Noise level	≤ 45 dB (1 m)							
Plastic case	Net / Gross weight (kg)	3.7 / 4.0	4.3 / 4.6	5.2 / 5.5	8.6 / 9.0	10.1 / 10.5	/	
	Dimensions (W x D x H) (mm)	100 x 290 x 140			140 x 345 x 170			/
	Packaged dimensions (W x D x H) (mm)	139 x 335 x 210			198 x 406 x 245			/
	Quantity / 20 ft	2300 pcs			1000 pcs			/
Metal case	Net / Gross weight (kg)	/	5.1 / 5.4	6.3 / 6.6	9.6 / 10.1	11.3 / 11.7	12.9 / 13.3	
	Dimensions (W x D x H) (mm)	/	95 x 320 x 160		125 x 320 x 225		125 x 380 x 225	
	Packaged dimensions (W x D x H) (mm)	/	145 x 375 x 230		180 x 390 x 295		180 x 450 x 295	
	Quantity / 20 ft	/	2000 pcs		1000 pcs			

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