

VORTEX

400 VA ~ 3000 VA

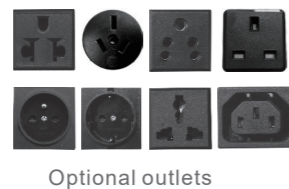


Features

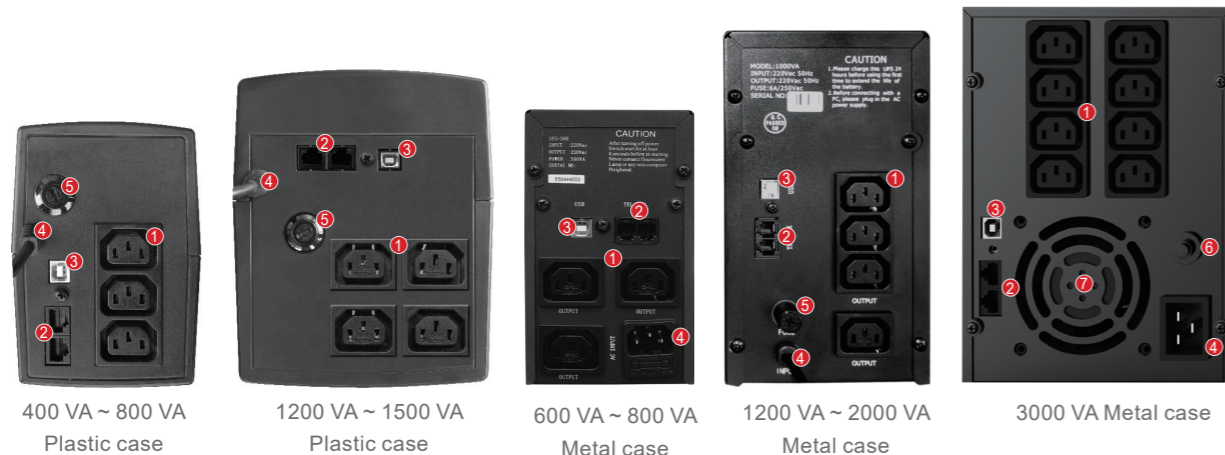
- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter 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 / 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
6. AC Breaker
7. Fan



Optional outlets



Specifications

MODEL	V400	V600	V800	V120	V150	V200	V300	
Capacity	400 VA 240 W	600 VA 360 W	800 VA 480 W	1200 VA 720 W	1500 VA 900 W	2000 VA 1200 W	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			48 V	
Configuration	12 V / 4.5 Ah × 1	12 V / 7.0 Ah × 1	12 V / 8.0 Ah × 1	12 V / 7.0 Ah × 2	12 V / 8.0 Ah × 2	12 V / 9.0 Ah × 2	12 V / 9.0 Ah × 4	
Recharge time	6 ~ 8 h							
OTHERS								
Protections	Short circuit - battery overcharge – overdischarge – overload - surge							
Communications	USB / RS232 (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 × D × H) (mm)	100 × 290 × 140			140 × 345 × 170			/
	Packaged dimensions (W × D × H) (mm)	139 × 335 × 210			198 × 406 × 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 × 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 / 20 ft	/	2000 pcs		1000 pcs		658 pcs	

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