

KING

400 VA ~ 2000 VA

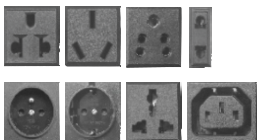


Features

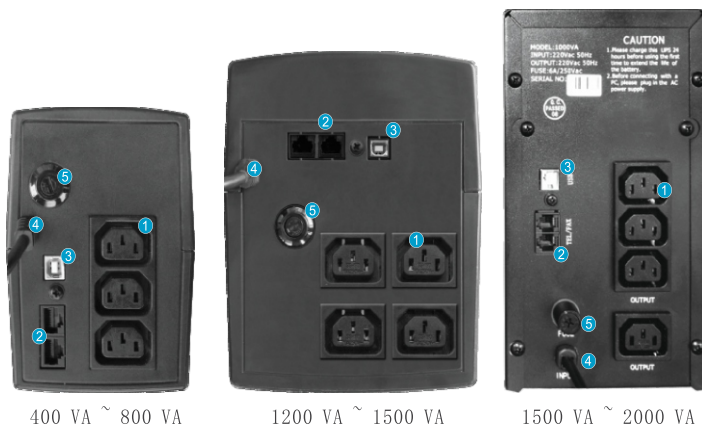
- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter 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 Socket (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB (optional)
4. AC Input
5. Fuse



Optional sockets



400 VA ~ 800 VA

1200 VA ~ 1500 VA

1500 VA ~ 2000 VA

Specifications

MODEL		blazer 400	blazer 600	blazer800	blazer1200	blazer1500	blazer2000
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
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		2 ~ 7 ms (typical), 10 ms (max.)					
BATTERIES							
DC voltage		12 V			24 V		
Configuration		12 V / 4.5 Ah $\times$ 1	12 V / 7.0 Ah $\times$ 1	12 V / 8.0 Ah $\times$ 1	12 V / 7.0 Ah $\times$ 2	12 V / 8.0 Ah $\times$ 2	12 V / 9.0 Ah $\times$ 2
Recharge time		6 ~ 8 h					
OTHERS							
Protections		Short circuit - battery overcharge - overdischarge - overload - surge					
USB / RS232 / SNMP (optional)		Support Windows 98 / 2000 / 2003 / XP / Vista / 2008 / Windows 7 / 8 / 10					
Humidity		20 ~ 90% RH @ 0 ~ 40°C (non-condensing)					
Noise level		$\leq$ 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 $\times$ D $\times$ H) (mm)	100 $\times$ 290 $\times$ 140			140 $\times$ 345 $\times$ 170		/
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	139 $\times$ 335 $\times$ 210			198 $\times$ 406 $\times$ 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 $\times$ D $\times$ H) (mm)	/	95 $\times$ 320 $\times$ 160		125 $\times$ 320 $\times$ 225		125 $\times$ 380 $\times$ 225
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	/	145 $\times$ 375 $\times$ 230		180 $\times$ 390 $\times$ 295		180 $\times$ 450 $\times$ 295
	Quantity / 20 ft	/	2000 pcs		1000 pcs		
Rack mount	Net / Gross weight (kg)	/	7.0 / 7.5	8.2 / 8.7	11.6 / 12.1	13.3 / 13.8	14.9 / 15.4
	Dimensions (W $\times$ D $\times$ H) (mm)	/	308 $\times$ 438 $\times$ 88		308 $\times$ 438 $\times$ 132		
	Packaged dimensions (W $\times$ D $\times$ H) (mm)	/	395 $\times$ 525 $\times$ 185		395 $\times$ 525 $\times$ 225		

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