

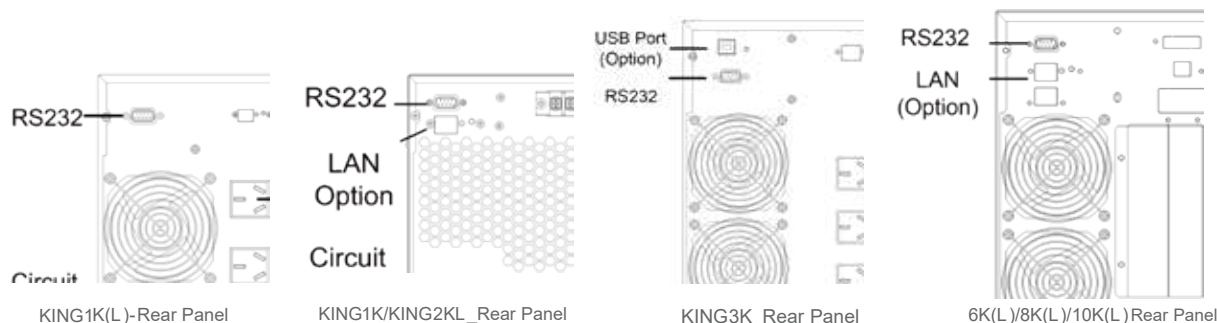
**KING ONLINE UPS**

**Main Features**

- Double conversion online UPS;
- High Performance DSP based full digital controlled, Pure Sinewave output;
- Having frequency converter operating mode;
- Wide input voltage range, work well with different power quality;
- Compatible with most generators set;
- Embedded input power factor corrector, avoid reactive power loss, saving power for user;
- Having ECO mode. Enable best balance between energy saving and power protection;
- Good loading adaptability, work well with laser printer, Ultrasonic cleaner;
- Make with strong glass fiber base double side PCB (FR4), avoid dry solder, strong anti-vibration/anti-humidity/anti-dust capability;
- Small profile, save installation space for user;
- Accept deep customer-oriented, perfect match customer application requirement;
- Attractive performance-cost ratio.

**Applications**

- IT infrastructure: small server and workstation, router and switch, monitoring equipment;
- Automation system: ATM, TVM, SCADA, Railway and Metro signal system;
- Office and Business Equipment: PC, Printer, Scanner, POS, Telephones and Fax.
- Medical Equipment.


**Specifications**

Model		KING 1K	KING 1KL	KING 2K	KING 2KL	KING 3K	KING 3KL	KING 6K	KING 6KL	KING 10K	KING 10KL
Capacity	VA/W	1KVA/900W		2KVA/1.8KW		3KVA/2.7KW		6KVA/5.4KW		10KVA/9KW	
Topology		Double Conversion Online UPS									
Phase		Single Phase Input Single Phase Output									
Mains Input	Wiring	L/N+PE									
	Rated Voltage	208/220/230/240VAC									
	Voltage Range	90~300VAC					110~285VAC				
	Frequency Range	40Hz~70Hz									
	Input Power Factor	≥0.99									
AC Output	Wiring	L/N+PE									
	Output Voltage	208/220/230/240VAC									
	Voltage Regulation	±1%									
	Output Frequency	50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)									
	Waveform	Pure Sine Wave									
	Distortion (THDV%)	<2%(Linear Load) <7%(None-Linear Load)									
Over load capability		1Min@105%~125%Rated Load 30Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load					10Min@105%~125%Rated Load 60Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load				
	Efficiency	Line mode	88%		89%		90%		>93%		
	Battery Mode	86%		87%		88%		>91%			
Battery & Charge	Rated Battery Voltage <sup>①</sup>	24VDC Internal	36VDC External	48VDC Internal	72VDC External	72VDC Internal	96VDC External	144/192VDC Internal/	192/240VDC External	192VDC Internal	192/240VDC External
	Battery Capacity	9AHx2pcs	External Battery Depends	9AHx4pcs	External Battery Depends	9AHx6pcs	External Battery Depends	12V/7AHx12 Pcs/ 12V/9AHx16 Pcs	External Battery Depends	12V/7AHx16 Pcs/ 12V/9AHx16 Pcs	External Battery Depends
	Charging Current	Standard Model with Internal Battery: 1A Long Backup Time Model :4A					Standard Model with Internal Battery: 2A/4A(KING 6K, KING 10K)				
	Optional Configuration to Order	3. External Battery Module Connector for Standards Model 4. Battery Capacity 7AH/9AH Battery Quantity(2/4/6pcs) or (3/6/6pcs)									
	Chassis Style	Tower									
Physical	Tower Dimension	KING1KL, KING1K, KING2KL: 144(W)x224(H)x325(D)mm KING2K, KING3K, KING 3KL: 190(W) x 323(H) x 368(D)mm					KING 6KL: 190(W)x323(H)x399(D)mm, KING10KL: 190(W)x340(H)x562(D)mm KING 6K-12BAT:190(W)x368(H)x562(D)mm KING6K-16BAT,KING10K:190(W)x472(H)x566(D)				
	Weight (kg)	8.4kg	4.7kg	16.2kg	10.5kg	21.2kg	9.1kg	12BAT: 37kg 16BAT: 46.5kg	14.8kg	7AHx16: 47.8kg 9AHx16: 54.2kg	16kg
Operating Environment Endurance	Temperature range	-10~50°C									
	Relative Humidity	0-98% (Non-condensing)									
	Acoustics Noise	<55dB @ 1 meters									

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