

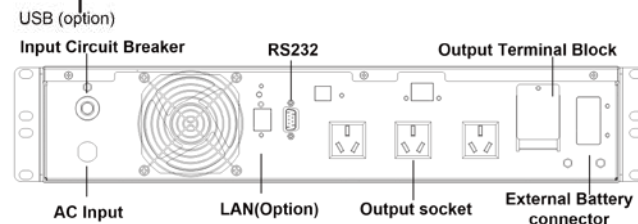
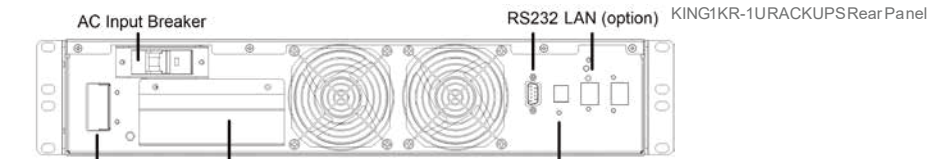
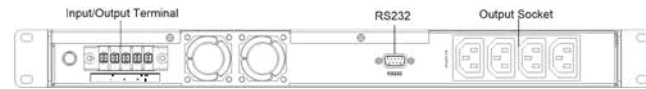
KING SERIES RACK-MOUNT ONLINE UPS 1KVA-10KVA LCD DISPLAY

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	KING1KR	KING1KRL	KING2KR	KING2KRL	KING3KR	KING3KRL	KING6KRL	KING10KRL
Capacity	VAW		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						
	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 ^①	24VDC Internal	36VDC External	48VDC Internal	72VDC External	72VDC Internal	72VDC External	192/240VDC External Battery
	Battery Capacity	12V/7AH X2pcs	External Battery Depends	12V/7AH x4pcs	External Battery Depends	12V/7AH X6pcs	External Battery Depends	External Battery Depends
	Backup Time	>6mins @ Half Load	External Battery Depends	>6mins @ Half Load	External Battery Depends	>6mins @ Half Load	External Battery Depends	External Battery Depends
	Charging Current	Standard Model with Internal Battery:1A Long Backup Time Model :4A						Long Backup Time Model :4A
	Optional Configuration to Order	4. External Battery Module Connector for Standards Model 5. Battery Capacity 7AH/9AH 6. Battery Quantity(2/4/6pcs) or (3/6/6pcs)						
Physical	Chassis Style	Rack-Mounted						
	Rack Dimension	1KRL/2KRL/3KRL/1KR/2KR: 440mm(W) x 88mm(2U)(H) x 400mm(D) 3KR-4B : 440mm(W)x88mm(2U)(H)x500mm(D) 3KR-6B : 440mm(W)x88mm(2U)(H)x612mm(D)						UPS: 440mmx 88mm(2U) x 500mm without Internal Battery Battery Pack: 438mm x 132mm x 500mm
	Weight (kg)	11.9kg	6.9kg	16.5kg	7.3kg	23.8kg	8.7kg	6KRL : 14.6kg 10KRL : 15.0kg Battery Pack: 7AHx16pcs: 39kg
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.