Rack-Mounted 6~10K Online UPS

Datasheet（220V PF0.9 IEC62040）

Feature：

Zero Transfer time

True Double Conversion Online UPS, Provide most comprehensive protect mission critical equipment from wide range power quality issues.

DSP Digital Control Based

Advance DSP base digital control bring high performance of high input Power factor, low distortion , supply the load with perfect sine wave AC power supply

Three Level Inverter

Low harmony noise, high efficiency , excellent loading capability

Ultra Wide Input Mains range

Strong compatible with ultra with electric environment, stay well with ultra wide range mains of 90V~300V, 40~70Hz ,dramatically reduce battery discharge , prolong battery life

Best Loading Capability

Up to 0.9 Output Power Factor , 50/60 Hz Automatically adapting, selectable voltage , perfectly match all kind of application

Genset Compatible

Capable of work with wide range of Genset, isolate fluctuation and noise from Genset , provide stable and clean power supply to the user equipment.

High Input power factor

Thanks to digital controlled PFC Technology, >0.99 input power factor, effectively avoid power pollution , save energy expense for customer

Reliable design

Made with strong Glass fiber base (FR4) double side PCB, company with large span component, greatly improve reliability in harsh environment, Well designed ventilation and conformal coating , avoid dust accumulation ,improve resistant to corrosion.

Open to customization

Based on powerful controller and open architecture, the product is able to be customized to match need of integration of automatic system or intelligent supervisory system

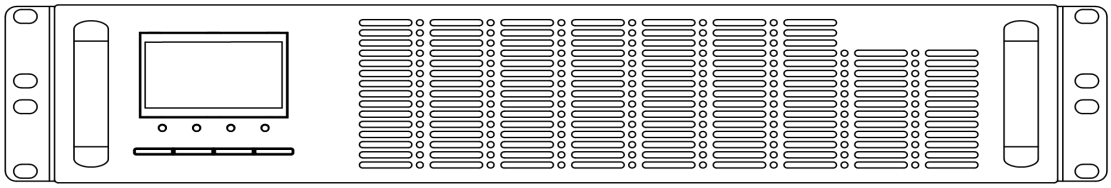
Specification:

Model		Rack 6KS	Rack 10KS
Capacity	VA/W	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	10Min@105%~125%Rated Load 60Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load	
Efficiency	Line mode	>93%	
	Battery Mode	>91%	
Battery & Charge	Rated Battery Voltage	192/240VDC External Battery	
	Battery Capacity	External Battery Depends	
	Backup Time		
	Charging Current	Long Backup Time Model :4A	
Physical	Chassis Style	Rack-Mounted	
	Rack Dimension	UPS: 440mm(W) x 88mm(2U)(H) x493mm(D) without Internal Battery Battery Pack: 440mm(W) x 88mm(2U)(H) x500mm(D)	
	Weight (kg)	C6KRS : 10.0kg C10KRS: 11.9kg Battery Pack: 7AHx16pcs: 40.8kg	
HMI	LCD DISPLAY	Input Mains Voltage, Frequency, Load level, Operation Mode, Health Status	
	Standards Communication Interface	1、RS232 PORT	

	Optional Extension Card	2、EPO / ROO Port 3、Intelligent Slot 4、USB Card (not HID) 5、 NetWork Card: Support SNMP/TCP/IP for remote monitoring the UPS via Smart Phone APP, Web page, PC Monitor Software , Support Server / NAS shutdown 6、CMC MODBUS Card, 7、AS400 Relay Card
Operating Environment Endurance	Temperature range	-10~50°C
	Relative Humidity	0-98%（Non-condensing）
	Acoustics Noise	<55dB @ 1 meters

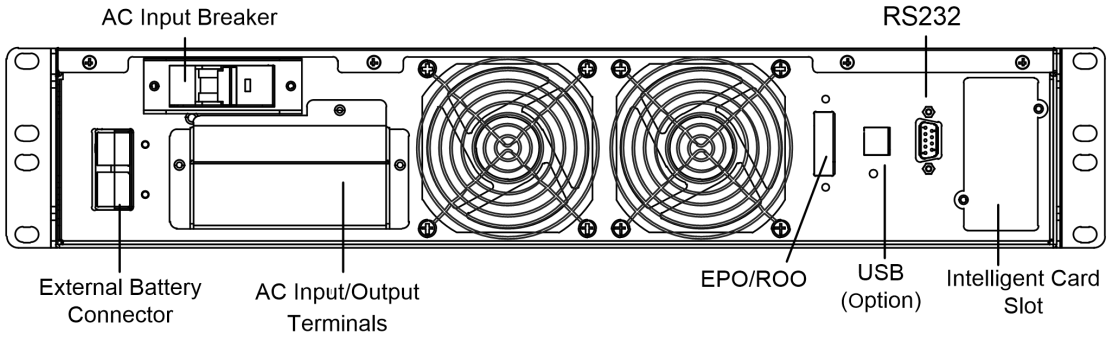
UPS Outlook③

Front View



6KS~10KS 2U Rack UPS

Rear Panel



6KS~10KS 2U Rack UPS Rear Panel

Note:

① Battery Capacity and voltage is open to customization

② Dimension might vary for different bezel

③ The socket and terminal configuration on the rear panel maybe different for countries or regions according to order

④ More parameter customization，please contact sales representative