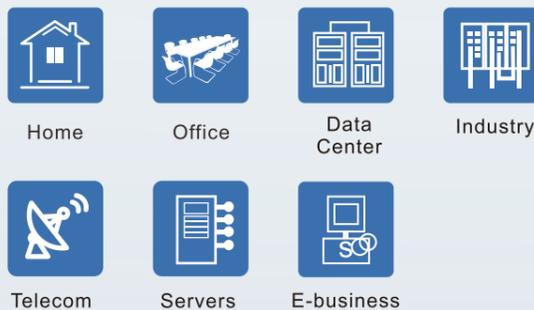
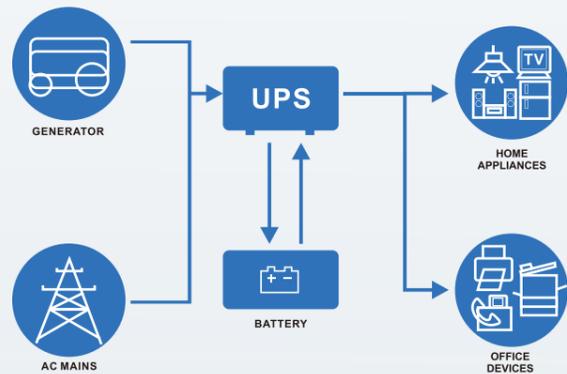


RT1-3K Series



Application:



RT series is true on-line double conversion technology Rack & tower convertible UPS, it applicable data-center critical network devices, sensitive electronic equipment, telecom bank,hospital, bureau, traffic, public security, ATM and so on.

Features:

- Online double conversion technology With advanced DSP control.
- Wide input voltage range(110 ~ 300VAC), can adapt to different power grid environment.
- DC start function, Input PFC revises function, input power factor above 0.98.
- Output power factor0.9, strong load capacity.
- Supporting rack/tower structure, high power density saving space.
- Excellent Pretention against over voltage, over-load, Over current, overcharge and so on.
- LCD display and LED indicator show detailed UPS status and parameters.
- Friendly man-machine interface, Simple setting Output Voltage, Frequency parameter and Bypass function on the display.
- Smart RS232 communication with monitoring software.
- Smart slot can provide abundant extensible function; can choose to install Win-power, SNMP-card.
- Lightning, surge, short -circuit, network/fax/modem surge protection.



Specifications

High Frequency Online UPS

Model		RT1K	RT2K	RT3K
Rated Power	VA/W	1000VA/9000W	2000VA/1800W	3000VA/2700W
Input	Phase	Single Phase with Ground		
	Nominal Voltage	200/208/220/230/240VAC		
	Voltage Range	110 ~ 300VAC		
	Frequency Range	50Hz:46~54Hz;60Hz:56~64Hz		
	Power Factor	0.98		
	Connections	IEC320-10A inlet	IEC320-10A inlet	IEC320-16A inlet
Output	Phase	Single Phase		
	Voltage	200/208/220/230/240(1±1%)VAC		
	Frequency	50/60Hz (Adjustable); 50Hz AC Mode: Follow AC Mode (AC Range 46~54Hz); Battery Mode: 50Hz (1±0.2%) 60Hz AC Mode: Follow AC Mode (AC Range 56~64Hz); Battery Mode: 60Hz (1±0.2%)		
	Waveform	Pure Sine Wave		
	Power Factor	0.9		
	Harmonic Distortion	≤4% THD(Linear load), ≤7% THD(Nonlinear load)		
	Overload Capability	105% ~ 150% 45S ~ 25S then turn to bypass output ;150% ~ 200% 25s ~ 300ms then turn to bypass output; ≥200% 200ms then turn to bypass output.		
	Current Crest Ratio	3:1		
	Connections	IEC320-10A*6	IEC320-10A*8	IEC320-10A*8
	Battery	Nominal DC voltage	24V	48V
Battery		2*9AH	4*9AH	6*9AH
Numbers& Capacity		(built-in battery)	(2U battery pack)	(2U battery pack)
Back-up Time(Full Load)		> 2.5min	> 3min	> 3min
Charge Current(MAX)		1 A	1A	1A
Charging Voltage(VDC)		27.4V±0.2VDC	54.8V±0.4VDC	82.2V±0.6VDC
Recharge Time		5 hours to charge to 90%		
Bypass		Automatic Transfer Before UPS Power-on	On overload and UPS failur Default "ON", user adjustable to "YES"	
	Transfer Time	0ms;less than 4ms from inverter to bypass and vice versa		
Indicators	LCD+LED Display	UPS status, Battery capacity, loading, Fault code		
Audible		Bypass, On battery mode, Battery low,Overload, Fault		
Communications	Intelligent RS232	Software support Windows family software, Linux, Sun network operating system, IBM Aix, Compaq True64 SGI IRIX, FreeBSD, HP-UX and MAC		
	Serial Port	Remote control UPS through SNMP management and Internet		
	SNMP(Optional)	Windows family software and Mac OS		
	USB(Optional)	RJ45 I/O port available for network or FAX /Modem		
Environmental	Operating Temperature	0~40℃		
	Operating Humidity	20-90% (No condensation)		
Main Unit	Dimensions (W*D*H)mm	2U :440*375*89	2U:440*438*89	2U:440*438*89
	Net Weight(Kg)	11	8,5	9
Battery Pack	Type	Internal	2U 48V	2U 72V
	Batteries		4*9AH)	(6*9AH)
	Dimensions (W*D*H)mm	-	440*430*89	440*430*89
	Net Weight(Kg)	-	15,5	21

◆ Product specifications are subject to change without further notice.