

High Frequency Online UPS

Rack Tower Star Series RT 1K-10KVA(1Ph in/1Ph out)

Key Features

1. Rack Mount - Tower Convertible
2. Rotate LCD Display
3. Active Input Power Factor Correction (PFC)
4. Adaptive Load Management
5. It adopts standard frame structure design. The structure is compact.
6. Sine wave output with low distortion. It provides the best power source guarantee for the load equipments for users.
7. Zero delay: when the utility power is cut off or recover, there is absolutely no time between the transfer of AC mode and battery mode. It effectively ensures the reliability of load operation.
8. Input null line and fire detecting function:it can detect if the null line and fire wire are wrongly connected. It avoids wrong connection of null line and fire wire of UPS AC power input.
9. It has voltage breakthrough protection and strong anti-interference function.



Application

Servers, data-center critical network devices, sensitive electronic equipment, telecom, bank, hospital, bureau, traffic, public security, ATM etc

Technical Specification

MODEL(RT Series)		RT1K	RT1KL	RT2K	RT2KL	RT3K	RT3KL	RT6KL	RT10KL
Input	Rated Capacity	1KVA/800W		2KVA/1600W		3KVA/2400W		6KVA/4800W	10KVA/8000W
	Voltage	90 ± 5 ~290 ± 5Vac						176 ~ 276Vac	
	Current	6A(max)		12A(max)		16A(max)		31A(max)	60A(max)
	Frequency	40 ~ 60 Hz							
	Power factor	Conformity EN60555-2(≥0.95)							≥0.95(MAX)
Output	Voltage	220Vac (1 ± 2%)					220Vac (1 ± 1%)		
	Current	4.55A		9.1A		13.6A		27.3A	54A
	Frequency	(50 ± 2)Hz						(50 ± 1)Hz	
	Power Factor	0.8 lag							
	Waveform	Sine Wave							
	Waveform	Linear ≤ 7% when RCD 100% loading (Non-line)							
Overload protection		105% < 125% → 50s						100%-125%, 1 minutes to	
		125% < 150% → 25s						transfer to bypass; >150%,	
		>150% → 300s						100ms to transfer to bypass	
Transfer Time	Oms								
Type of Battery	Sealed lead acid maintenance-free								
External Battery Voltage	3x7 Ah	36Vdc	6x7 Ah	72Vdc	8x7 Ah	96Vdc	192Vdc/240Vdc		
Environment	Working Temperature(°C)	0-40°C							
	Relative Temperature(°C)	0-90(%)							
	Altitude	<1500m							
	Communication	9pin D trpe comector (RS232)							
Size (WXDXH) mm	482x450x88			Standard Type (3U): 482x680x132.5				482x680x132.5	
				Long Backup Type (2U): 482x450x88					
Weight (kg)	14.5	8	22	9.8	26	9.8	20	25	

*Specifications are subject to change without prior notice