

RT 1K - 10KVA

High Frequency Online UPS RT Series

RT Series 1KVA - 10KVA (1ph in/ 1ph out)

Key Features:

- 19 inches standard structure design of rack mount, compact structure and sinusoidal wave output provide best power supply guarantee.
- 0 conversion time between mains mode and battery mode.
- It has detection function of input zero line and fire line.
- Having voltage surge protection function and strong anti-interference function.
- Equipped with correction function of input power factor
- Original matching battery
- Supporting mobile smart monitoring card, users can real-time monitor every data of the UPS by mobile APP.



Applications:

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

Shenzhen UPSen Electronic CO., Ltd.

www.upsen.net

Technical Specification:

Model	RT1K	RT1KL	RT2K	RT2KL	RT3K	RT3KL	RT6K	RT6KL	RT10K	RT10KL											
Input	Rated Capacity		1KVA / 900W		2KVA / 1800W		3KVA / 2700W		6KVA / 5400W		10KVA / 9000W										
	Voltage Range		90 - 285 1P2W+G						120 - 275 1P2W+G												
	Frequency		40 - 70 Hz (Settable)																		
	Power factor		≥0.99																		
Output	Voltage		220Vac (1 ± 2%) 1P2W+G																		
	Rated Current		4.5A		9.1A		13.6A		27A		45A										
	Output Power Factor		48-54Hz synchronize with mains; 50Hz(Mains power between 40-46Hz and 54-60Hz); 50Hz (Battery)																		
	Output Power Factor		0.9																		
	Output Harmonic Wave		≤4% (Full R Load)						≤3% (Full R Load)												
	Crest Factor		3:1																		
	Output Overload (Normal Mode)		Overload pre-warning: 100%±2% < Load Output warning: Convert to bypass mode and alarm after 30 mins, 102% ± 2% < Load ≤ 110%±2% Output warning: Convert to bypass mode and alarm after 10 mins, 110% ± 2% < Load ≤ 130%±2% Output warning: Convert to bypass mode and alarm after 30s, 130% ± 2% < Load ≤ 150%±2% Convert to bypass mode and alarm after 200ms, Load > 150% ± 2%						100%±5% < Load ≤ 125%±5%: Convert to bypass output and alarm after 1 min; 125%±5% < Load ≤ 135%±5%: Convert to bypass output and alarm after 30s; Load > 135%±5%: Convert to bypass output and alarm after 300ms.												
Conversion Time between Mains Power and Battery		0 ms																			
Efficiency		≥90% Normal Mode						≥92%													
Battery	Rated Voltage		24VDC		36VDC		48VDC		72VDC		96VDC		192VDC								
	Quantity		Internal 12V7AH*2PCS		External		Internal 12V7AH*4PCS		External		Internal 12V7AH*8PCS		External								
	Charging Current		1A		6.5A		1A		5.5A		1A		5.5A								
Working Temperatures (°C)		0 - 40°C																			
Working Humidity		20% - 95% (Non-condensing)																			
Altitude		<1500m																			
Noise		≤ 55dB																			
Communication		RS232																			
Machine Size (L*W*H) mm		400*482.6*88				550*482.6*88		400*482.6*88		665*482.6*132.5											
Net Weight (kg)		10.5		6.5A		15.5		7.5		22		7.8		19		20		20.5		21.5	
*Specifications are subject to change without prior notice.																					