

31RT 10K - 20KVA

High Frequency Online UPS Rack Tower Star Series

31RT Series 10KVA - 20KVA (3ph in/ 1ph out)

Key Features:

- Sin wave output provides best power supply guarantee.
- 19 inches standard design of rack mount, compact structure .
- 0 conversion time between mains mode and battery mode.
- It is designed online dual transformation architecture technology.
- Adopting active power factor correction(PFC) .
- 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
- 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.

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Technical Specification:

Model		31RT 10KL	31RT 15KL	31RT 20KL
Input	Rated Capacity	10KVA / 9KW	15KVA / 13.5KW	20KVA / 18KW
	Voltage Range	207 - 475 3P4W+G		
	Frequency	40 ~ 70 Hz (Settable)		
	Power factor	≥0.95		
Output	Voltage	220Vac (1 ± 1%) 1P2W+G		
	Rated Current	45A	68A	91A
	Output Power Factor	46-54Hz synchronize with mains; 50Hz(Mains power between 40-46Hz and 54-60Hz); 50Hz (Battery)		
	Output Power Factor	0.9		
	Output Harmonic Wave	≤3% (Full R Load)		
	Crest Factor	3:1		
	Output Overload (Normal Mode)	105%±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		≥92%		
Battery	Rated Voltage	192VDC		
	Quantity	External Battery * 16PCS		
	Charging Current	5.5A		
Working Temperatures(°C)		0 - 40°C		
Working Humidity		20% ~ 95% (Non-condensing)		
Altitude		<1500m		
Noise		≤ 60dB		
Communication		RS232		
Machine Size (L*W*H) mm		665*482.6*132.5	655*482.5*265	
Net Weight (kg)		23	34	35
*Specifications are subject to change without prior notice.				