



CHENG JIE DA

RT 1KVA-3KVA

High Frequency Online UPS Rack Tower Convertible
RT Series 1KVA - 3KVA(1ph in / 1ph out)

Key Features:

- Manual Rotatable LCD Screen
- Rack Tower Convertible Design
- Different Power Configuration Flexibility To Achieve a Multi - purpose Machine, Power Customized Available
- Selectable Digital Charger Form 1A ~ 12A, Match For Different Appliance
- Wide Input Voltage Range : 208 / 220 / 230 / 240Vac For Option
- High Efficiency up to 95.5%, Lower Power Loss and Save Cost
- Output Power Factor up to 1.0, As an Industry Leader, Super High Load Efficiency
- Green Power ECO Mode, Power Efficiency up to 98.5%
- Smart Adjustable Setting, Support Voltage Compensation of Output to Transformer



Applications:

IT and Network Equipment

Small and medium-sized data centers

Computer server room

Production line control in factory

Embedded and Automatic Control System

Telecommunication base station Automatic control system

Electronic and railway signaling systems security system

Television broadcast system

Office and Business Equipment

Office computer and Printer

Scanner and MPOS

Shenzhen Chengjieda Industry Limited

www.cjd-industry.com

Technical Specification:

Model	RT 1K	RT 1KL	RT 2K	RT 2KL	RT 3K	RT 3KL
Rated Power	1kva/1kw		2kva/2kw		3kva/3kw	
Input						
Rated Voltage	208/220/230/240Vac,L/N+PE					
Voltage Range	110-300Vac					
Frequency	50/60Hz					
Input PF	≥0.99					
Harmonic Distortion	≤1% THD(Line Load),≤5%(Non-linear load) PF=0.8					
Output						
Rated Voltage	208/220/230/240Vac,L/N+PE					
Output Accuracy	±1%					
Frequency	AC mode:same as AC,Battery mode:50/60Hz±1%					
Harmonic Distortion	≤1% THD(Line Load),≤3%(Non-linear load) PF=0.8					
Output PF	1					
Transfer Time	AC to Battery: 0ms; Inverter to Bypass: 4ms					
Load Capacity	AC mode: 30min.@102%~110% Load 10min.@110%~130% Load 30sec.@>130~150% Load 200ms@>150% Load Battery mode: 1min.@102%~110% Load 10sec.@110%~130% Load 3Sec.@>130~150% Load 200ms@>150% Load					
Machine Efficiency						
AC Mode	Full load Efficiency 94.5%@220Vac		Full load Efficiency 95.5%@220Vac		Full load Efficiency 95.5%@220Vac	
Battery Mode	Full load Efficiency 89.5%@36Vdc		Full load Efficiency 91.5%@72Vdc		Full load Efficiency 91.5%@96Vdc	
	Full load Efficiency 89.5%@24Vdc		Full load Efficiency 91.5%@48Vdc		Full load Efficiency 91.5%@72Vdc	
Battery						
Battery Number	7Ah*2	36V	7Ah*6	72V	7Ah*6	96V
Backup Time	Depends on user requirements and configuration					
Charge Current	RT1K-3K:1A(Default),1-2A(Adjustable)External battery Back RT1KL-RT3KL:5A(Default),1-12A(Adjustable)					
Working Environment						
Temperature	0-40°C					
Humidity	20%-95%					
Storage Temperature	(-15~60°C)(battery:0-40°C)					
Altitude	<1000m,maximun4000m					
Display						
LCD	Working mode/battery power/load/Input/Output					
Standard & Certification	EN/IEC 6100,EN/IEC 62040,GB/T4943,TD/T1095,TLC/CE/Rohs					
Interface	1*USB,1*RS232,1*EPO					