



RT RACK UPS

1KVA - 3KVA

PF = 1



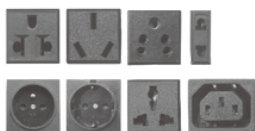
Features

- Technology: Online High Frequency Double Conversion
- Power Factor: $Pf = 1.0$
- Installation Structure: Rack-mount
- Nominal Voltage: 200/208/220/240VAC
- Input Voltage Range: 110~300VAC (110~176VAC, 280~300VAC power limited)
- Input Frequency: 50/60Hz ± 6 Hz, ± 10 Hz (adjustable)
- UPS Status Display: LCD screen
- Communication Ports: RS232, USB, EPO, Relay output, expansion card slot (SNMP card, Relay)
- Dimensions: 88(2U) x 438 x 420 mm
- Weight: Includes 12V 7.5Ah *3pcs battery
- Input - OutPut connection: Terminal (L-N)



Real Panel

1. Handle
2. Fan
3. Display
4. Control
5. Status
6. OutPut
7. EXT Battery 24VDC
8. Input 250V~6A
9. EPO
10. Breaker 250V~10A
11. RS232
12. USB
13. SNMP INTELLIGENT SLOT



Optional Sockets

SPECIFICATIONS

MODEL	RT-1K	RT-1KL	RT2K	RT-2KL	RT-3K	RT-3KL
Rated Capacity	1KVA/1000W		2 KVA/2000W		3KVA /3000W	
INPUT						
Rated Input Voltage	208/220/230/240VAC					
Voltage Range	110~300VAC (110~176VAC,280~300VAC power limited)					
Frequency Range	50/60Hz±6Hz,±10Hz (setable)					
Input Power Factor	≥0.99					
Input Harmonic Distortion	≤3%THD(linear load), ≤5% THD(non-linear load) PF=0.8					
OUTPUT						
Output Voltage	208/220/230/240VAC					
Output Accuracy	±1%					
Output Frequency	AC mode: same as AC ,Battery mode:50/60Hz±1%					
Output Harmonic Distortion	≤1% THD(linear load), ≤3% THD(non-linear load) PF=0.8					
Output Power Factor	1.0					
Transform Time	AC mode to Batt. Mode:0ms,Inverter mode to Bypass mode:4ms					
Load Capacity	AC Mode: 30min@102%~110% Load 10min@110%~130% Load 30s@130%~150% Load 200ms@>150% Load			Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load		
Output connection	06 IEC C13					
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	
Battery Mode	Full load efficiency 89.5%@24VDC		Full load efficiency 91.5%@ 48VDC		Full load efficiency 91.5%@ 72VDC	
BATTERY						
Battery Quantity	7.5Ah x 2/7.5Ah x 3	36V	7.5Ah x 4/ 7.5Ah x 6	72V	7.5Ah x 4/ 7.5Ah x 6	96V
Backup Time	Depend on user’s requirement and configuration					
Charge Current	RT1K-3K：1.0A(default) ,1-2A(adjustable) External battery back; RT1KL-3KL： 5.0A(default) ,1-12A(adjustable) .					
DISPLAY						
LCD	Working mode/load/battery power/input/output ect.					
COMMUNICATION INTERFACE	1*USB,1*RS232,1*EPO					
WORKING ENVIRONMENT						
Ambient Temperature	0~40℃					
Ambient Humidity	20%~95% （No Condensation）					
Storage Temperature	-15~60℃(Battery:0~40℃)					
Altitude	<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040					
STANDARD & CERTIFICATION						
Standard & Certification:	EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc					
PHYSICAL						
Case size (L*W*H)	438*88*385		438*88*505	438*88*385	438*88*505	438*88*385
Weight(KG)	10.4/12.4 (1pcs)	5.8 (1pcs)	14.9/23.6 (1pcs)	7.0 (1pcs)	20.5/25.2 (1pcs)	7.4(1pcs)
Cartonsize(L*W*H)	533*507*178		533*507*178	533*507*178	533*617*178	533*507*178

*Product specifications are subject to change without notice.