

# Online High Frequency UPS

RT Series



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## ▼ SPECIFICATION 1-3KVA

Model	RT-3K		
Rated Capacity	3 KVA /3000W(for72V) 3 KVA /2400W(for48V)		
<b>INPUT</b>			
Input Formats	L+N+PE		
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		
<b>OUTPUT</b>			
Output Formats	L+N+PE		
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		
<b>MACHINE EFFICIENCY</b>			
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
<b>BATTERY</b>			
Battery Quantity	7Ah x 4/ 7Ah x 6		
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) .		
<b>WORKING ENVIRONMENT</b>			
Ambient Temperature	0~40°C		
Ambient Humidity	20%~95% ( No Condensation )		
Storage Temperature	-15~60°C(Battery:0~40°C)		
Altitude	<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040		
<b>DISPLAY</b>			
LCD	Working mode/load/battery power/input/output ect.		
<b>STANDARD &amp; CERTIFICATION</b>			
Standard & Certification:	EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc.		
<b>PHYSICAL</b>			
case size (L*W*H)	438*88*505		
Weight(KG)	20.5/25.2 (1pcs)		
Carton size(L*W*H)	533*617*178		
<b>COMUNICATION INTERFACE</b>			
INTERFACE	1*USB,1*RS232,1*EPO		