

# 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)	
INPUT				
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			
OUTPUT				
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	
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			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) .			
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			
DISPLAY				
LCD	Working mode/load/battery power/input/output ect.			
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*505			
Weight(KG)	20.5/25.2 (1pcs)			
Carton size(L*W*H )	533*617*178			
COMUNICATION INTERFACE				
INTERFACE	1*USB,1*RS232,1*EPO			