

PLUS RT SERIES

6KVA / 10KVA PF : 1.0



FEATURES

- ▶ Rack/Tower Convertible Design
- ▶ True Online Double Conversion
- ▶ High Output power Factor at 1
- ▶ Comprehensive display allows easy monitoring and access of UPS status
- ▶ Smart SNMP works with either USB or RS-232 together
- ▶ Hot-Swappable Battery
- ▶ Estimated Remaining Time displayed on the LCD
- ▶ Support Economic(ECO) Operation Mode
- ▶ Battery Pack
- ▶ Optional Powerful Charger 1A-12A
- ▶ Cold Start
- ▶ Lightning and surge protection
- ▶ Emergency Power Off
- ▶ Maintenance Bypass Switch (optional)



Display / LCD



TECHNICAL SPECIFICATIONS

Model	RT - 6K	RT - 10K
Rated Capacity (VA/W)	6000VA/6000W	10000VA/10000W
Input		
Input Formats	L+N+PE	
Rated Input Voltage	208/220/230/240VAC	
Voltage Range	110~300VAC (110~176VAC,276~300VAC power limited)	
Frequency Range	50/60Hz±6Hz(Default) ±10Hz(Adjustable)	
Input Power Factor	≥0.99	
THDi	≤5%THD(linear load),≤8% THD(non-linear load) PF=0.8	
Output		
Output Formats	L+N+PE	
Output Voltage	104/110/115/120VAC or 208/220/230/240VAC	
Output Accuracy	±1%	
Output Frequency	Online mode:according to AC frequency , Battery mode:50/60Hz±1%	
THDv	≤2%THD(linear load),≤5% THD(non-linear load) (PF=0.8)	
Output Waveform	Pure Sinewave	
Output Power Factor	1.0	
Switching Time	0ms; ECO Mode to Battery Mode 2ms	
Load Capacity	AC Mode: 30min@102~110% Load 10min@110~130% Load 30s@130%~150% Load 500ms@>150% Load	Battery Mode: 10min@102~110% Load 1min@110~130% Load 10s@130%~150% Load 500ms@>150% Load
Output Sockets	Terminal Blocks	
Machine Efficiency		
AC Mode	Maximum efficiency 95.5%, Full load efficiency 95%	
Battery Mode	Maximum efficiency 95.5%, Full load efficiency 94.8%	
Charger		
Battery Type	Lead acid battery	
Battery Quantity	All models are 16/18/20pcs, batteries adjustable, default 16PCS.	
Charging Mode	Two/Three Period Charging	
Charging Current	Default 1A; 1~12A (Optional)	
Battery Pack	16 x 12V x 9Ah	
Ambient Parameters		
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	
Noise Level	<50dB	
Display		
LCD	Working mode/load/battery power/input/output etc.	
Standard & Certification		
Standard & Certification	EN/IEC 61000,EN/IEC62040,GB/T4943,YD/T1095,TLC etc.	
Physical		
Case size (LxWxH)	Rack mount UPS case size: 438 * 88 * 470 mm; Battery Pack case size: 438 * 88 * 690 mm	
Net Weight (KG)	9.3kg, Not include battery pack	10.2kg, Not include battery pack
Communication Interface		
Interface	1*USB or 1*RS232, 1*EPO	