

POWERPACK SERIES RT

1-2-3 kVA **1:1**

ONLINE UPS



HOME/OFFICE



EMERGENCY



MEDICAL



INDUSTRY



DATA CENTER



TRANSPORT



UPS ONLINE



RACK/TOWER



POWER FACTOR



PLUG & PLAY

FEATURES

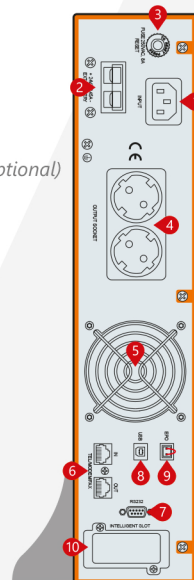
- High Frequency and True Double-Conversion
- DSP (Digital Signal Processors) Technology
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110~300V)
- Output Power Factor 0.9
- Cold Start
- Auto Sensing Frequency
- ECO Mode Operation for Energy Saving
- Selectable Output Voltage via LCD
- Output Bypass Settable via LCD
- Power-On Self Test
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Automatic Charging in Off Mode
- Auto Control Fan Speed when Loads Varies
- Standard RS232 Communication Port And RJ45 Protection
- USB/SNMP Communication Port (Optional)
- Emergency Power Off (EPO) (Optional)
- Extension Battery Bank (Optional)
- Built-In Isolation Transformer (Optional)

CERTIFICATES

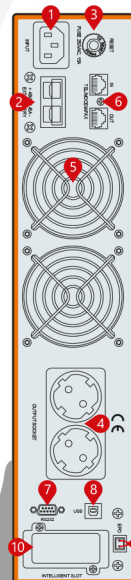


DETAILS

1. AC Input
2. DC Input
3. Breaker
4. Outlet
5. Fan
6. Modem/Tel/Fax
7. RS232
8. USB (Optional)
9. EPO (Optional)
10. SNMP/AS400 (Optional)



Rear Panel
1kVA



Rear Panel
2-3kVA

MODEL										
Capacity	1kVA / 900W				2kVA / 1800W				3kVA / 2700W	
INPUT										
Rated Voltage	208V / 220V / 230V / 240 VAC									
Voltage Range	110~176 VAC (Linear Derating Between 50% and 100% Load); 176~280 VAC (No Derating); 280~300 VAC (Derating 50%)									
Frequency Range	45 ~ 70 Hz (Auto Sensing)									
Power Factor	≥0.99									
Bypass Voltage Range	-25% ~ +15% (Settable)									
OUTPUT										
Voltage Range	208V / 220V / 230V / 240 VAC (Settable via LCD)									
Voltage Regulation	±1%									
Frequency Range	45 ~ 55 Hz or 55 ~ 65 Hz (Synchronized Range); 50 / 60 Hz ± 0.1 Hz (Battery Mode)									
Waveform	Sinusoidal									
Crest Factor	3:1									
Harmonic Distortion	≤2% (Linear Load); ≤5% (Non-Linear Load)									
Transfer Time	Mains Mode to Battery Mode: 0ms Inverter Mode to Bypass Mode: 4ms (Typical)									
Overload Capability	105% ~ 125%: Transfer to Bypass in 30s; 125% ~ 150%: Transfer to Bypass in 15s; >150%: Transfer to Bypass in 150ms									
EFFICIENCY										
Mains Mode	≥90%				≥91%				≥92%	
Battery Mode	≥85%				≥86%				≥87%	
ECO Mode	≥95%				≥96%				≥97%	
BATTERY										
DC Voltage	24V	36V	36V	48V	72V	72V	72V	96V	96V	
Inbuilt Battery	2 x 7Ah	3 x 7Ah	External	4 x 7Ah	6 x 7Ah	External	6 x 7Ah	8 x 7Ah	External	
Charging Current (Max.)	1A		6A	1A		6A	1A		6A	
Recharge Time	8h									
ALARMS										
Utility Failure	4s Per Beep									
Low Battery	1s Per Beep									
Overload	1s Twice Beep									
UPS Fault	Long Beep									
COMMUNICATIONS										
RS232 (Standard) / USB (Optional)	Supports Windows® 98/2000/2003/XP/Vista/2008/Windows® 7/8/10									
SNMP (Optional)	Power Management from SNMP Manager and Web Browser									
ENVIRONMENT										
Operating Temperature	0 ~ 40°C									
Relative Humidity	0 ~ 90% (Non-Condensing)									
Noise Level	≤50 dB (1m)									
DIMENSIONS & WEIGHT										
Dimension WxDxH (mm)	440x468x88			440x658x88		440x468x88	440x658x88	440x468x88 (UPS) 440x440x88 (BAT)	440x468x88	
Packaging Dimension WxDxH (mm)	545x592x198			545x782x198		545x592x198	545x782x198	545x592x198 (UPS) 590x580x200 (BAT)	545x592x198	
Net Weight (kg)	12.26	13.78	7.58	22.73	25.86	9.66	29.26	9.45 (UPS) 27.2 (BAT)	10.04	
Gross Weight (kg)	15.78	17.3	11.1	26.63	29.76	13.18	33.16	12.97 (UPS) 30.2 (BAT)	13.56	

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