

## High Performance And Protection For Your Applications



### RobustM II RT UPS (120V)

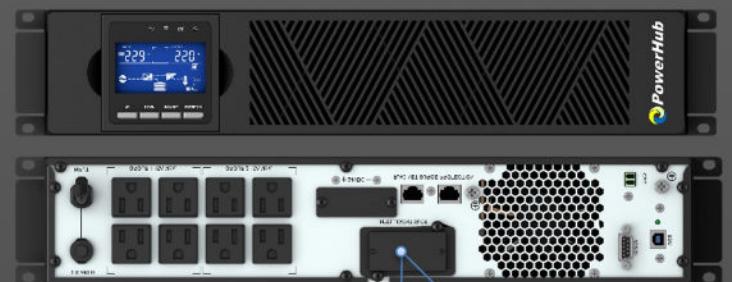
A Rack Tower UPS equipped with fully digitized microprocessor control technology ensures high reliability and performance, safeguarding your applications from common power quality issues. Key features include automatic bypass, overload protection, low battery alerts, abnormal AC input detection, short-circuit protection, and over-temperature protection. This UPS offers a cost-effective and versatile solution, allowing users to switch between Tower and Rackmount configurations as needed to save space.

#### Product Highlights:

- Rack/Tower convertible design
- Online double conversion with full digital control
- Input power factor 0.99 with PFC
- Selectable output voltage: 100/110/115/120/127 Vac
- Smart charger design for optimized battery performance
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start
- Intelligent fan speed regulation
- Low noise design, less than 45dB for 1-2kVA
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/Dry contact card/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and over discharge, output low voltage and fan fault alarm
- Pass the safety certification standard UL1778

#### Applications:

- Data Center
- Automatic control system
- Communication system
- Commercial facility
- Router, Hub
- Network Devices



SNMP Card



Dry Contact Card

**TECHNICAL SPECIFICATION**
**PowerHub Robust M II RT Series**

MODEL	RobustM II RT 1K-SS	RobustM II RT 1.5K-SS	RobustM II RT 2K-SS	RobustM II RT 3K-SS
Capacity	1000VA/900W	1500VA/1350W	2000VA/1800W	3000VA/2700W
<b>INPUT</b>				
Nominal voltage	100/110/115/120/127 Vac			
Input voltage range	55~150 Vac (90~150Vac @ 100% load)			
Power Factor	>0.99 (Full load)			
Input Connection	NEMA 5-15P		NEMA 5-20P	NEMA L5-30P
Cord length	1.8m			
<b>FREQUENCY</b>				
Frequency range	40~70Hz (50/60Hz Auto-Sensing)			
<b>OUTPUT</b>				
Output voltage	100/110/115/120/127 Vac			
Power factor	0.9			
Output Frequency	Line mode	46~54Hz/56~64Hz, synchronize with input		
	Batt. mode	50/60±0.1Hz		
Crest Factor	3:1			
Harmonic distortion (THDv)	2% Linear load			
	5% Non-linear load			
Transfer time	AC mode to Batt. mode	0ms		
	Inverter to Bypass	4ms (Typical)		
Output waveform	Pure Sinewave			
Output receptacles	Programmable (Optional)	5-15R×4	5-20R×4	5-20R×3
	Non-programmable	5-15R×4	L5-20R×1 (Optional) + 5-20R×4	L5-30R×1 + 5-20R×3
<b>EFFICIENCY</b>				
AC mode	91%	91%	92%	92%
ECO mode	95%	95%	96%	96.5%
<b>BATTERY</b>				
Battery number	2	3	4	6
Battery capacity	9Ah/12V			
Typical recharging time	4hours (To 90% of full capacity)			
Charging voltage	27.4 Vdc±1%	41.1 Vdc±1%	54.8 Vdc±1%	82.2 Vdc±1%
Charging current (Max.)	2A			
<b>INDICATORS</b>				
LED / LCD display	Line mode, Batt. mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault			
<b>ALARMS</b>				
Battery mode	Beeping every 4 seconds			
Battery low	Beeping every second			
Overload	Beeping twice every second			
Fault	Continuously beeping			
<b>PHYSICAL</b>				
Dimension W×D×H	440×325×86.5mm	440×460×86.5mm	440×500×86.5mm	440×640×86.5mm
Net weight	14	17	21	27
<b>ENVIRONMENTAL</b>				
Operating temperature	0~40 °C			
Humidity range	0~95% (Non - condensing)			
Altitude	0~3000 (1000~3000 derating required)			
Noise level	≤45dB			≤50dB
<b>STANDARDS</b>				
Safety	UL1778 5th Edition CSA C22.2 NO.107.3-14			
FCC	FCC Part 15, Subpart B, Class B ANSI C63.4-2014		FCC Part 15, Subpart B, Class A ANSI C63.4-2014	

Specifications are subject to changes without prior notice.

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