

Stay up and running  
For your daily operations

# ADVPOWER RT UPS



The PowerHub AdvPower RT UPS, featuring an internal Lithium-Ion battery, represents a cutting-edge innovation in the R/T convertible series. With remarkable AC efficiency reaching up to 92% and an impressive output power factor of up to 1.0, it stands as an optimal power protection solution for mission-critical environments such as Telecom, Data Centers, E-businesses, Servers, and Security systems.



### Product Highlights:

- High power density, output power factor 1.0
- AC efficiency of up to 92%
- Rack and tower installation convertible
- Selectable high efficiency mode of operation
- USB, RS232, RJ45 Net Surge Protection, Dry Relay Contacts (Optional), SNMP (Optional)
- Hot-Swappable Lithium-ion Battery
- Long backup time of 10 mins on internal battery
- Wide temperature range of up to 55°C
- Up to 2,000 times of charging cycles
- Less operation cost and high energy saving
- Compact dimension for space optimization

### Applications:



Telecom



Data Center



E-business



Servers



Cash Registers



Security



Rotable LCD display



Multi-functional Bracket

# TECHNICAL SPECIFICATIONS



MODEL	AdvPower RT 1K-SS	AdvPower RT 1.5K-SS	AdvPower RT 2K-SS	AdvPower RT 3K-SS
<b>CAPACITY</b>	1000VA / 1000W	1500VA / 1500W	2000VA / 2000W	3000VA / 3000W
<b>INPUT</b>				
Nominal voltage	200/208/220/230/240VAC			
Input voltage range	110~300 (176~264 @ 100% load)			
Power factor	≥0.99			
Frequency range	40~70Hz (50/60Hz Auto-Sensing)			
<b>OUTPUT</b>				
Output voltage	208/220/230/240Vac			
Voltage regulation	±1%			
Power factor	1.0			
Output Frequency	Line Mode	46~54Hz or 56~64Hz		
	Bat. Mode	(50/60±0.1) Hz		
Crest factor	3:1			
Harmonic distortion (THDv)	≤3% Linear load ≤5% Non linear load			
Transfer time	AC to Batt.	0ms		
	Inverter to Bypass	4ms (Typical)		
Waveform	Pure Sinewave			
<b>EFFICIENCY</b>				
AC mode	90.5%	91%	92%	92%
Battery mode	95%	95%	96%	96.5%
<b>BATTERY</b>				
Battery Type	LiFePO4			
Battery Voltage (Vdc)	25.6	48.0	76.8	76.8
Battery Capacity (Ah)	9	6	6	9
Backup time (Full load) (mins)	10	8	10	10
Typical recharge time	5 hours (to 90% of full capacity)			
Charging voltage	28.0 ±0.2 VDC	52.5 ±0.2VDC	84.0 ±0.2VDC	
Charge current (Max)	2A			
<b>INDICATORS</b>				
LED/LCD Display	Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault			
<b>PHYSICAL</b>				
Dimension W × D × H (mm)	440 × 325 × 86.5	440 × 460 × 86.5	440 × 500 × 86.5	440 × 640 × 86.5
Net Weight (kg)	10	13.5	16.5	23
<b>ENVIRONMENT</b>				
Operating temperature	0°C~40°C			
Storage temperature	-25°C~55°C			
Humidity range	20~95%RH @0~40°C (Non condensing)			
Altitude	<1000m, derating required when >1000m			
Noise level	<50dB at 1 Meter			
<b>STANDARDS</b>				
Safety	IEC/EN 62040-1, IEC/EN 62477-1, IEC 62133 (Cell), IEC 62619 (Pack)			
EMC	IEC/EN 62040-2			
Transportation	UN38.3			

\* Specifications are subject to change without prior notice

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