

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, SNMP, RS485, Dry Relay Contacts
- Built-in 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

MODEL		AdvPower RT 1K-SS	AdvPower RT 1.5K-SS	AdvPower RT 2K-SS	AdvPower RT 3K-SS
CAPACITY		1000VA / 1000W	1500VA / 1500W	2000VA / 2000W	3000VA / 3000W
INPUT					
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)			
OUTPUT					
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			
EFFICIENCY					
AC mode		90.5%	91%	92%	92%
Battery mode		95%	95%	96%	96.5%
BATTERY					
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			
INDICATORS					
LED/LCD Display		Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault			
PHYSICAL					
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
ENVIRONMENT					
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			
STANDARDS					
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

For any enquiry, please contact:
APECUS TECHNOLOGIES PTE LTD
7030 Ang Mo Kio Ave 5
#06-50 Northstar@AMK
Singapore 569880
Tel: (65) 65708068
Fax: (65) 65708066
Website: www.apecus.com
Email: sales@apecus.com

Copyright © 2024 APECUS TECHNOLOGIES
All rights reserved
Printed in Singapore