

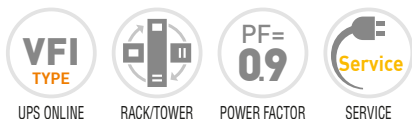
SMARTPACK RT

SERIES

1-3 kVA

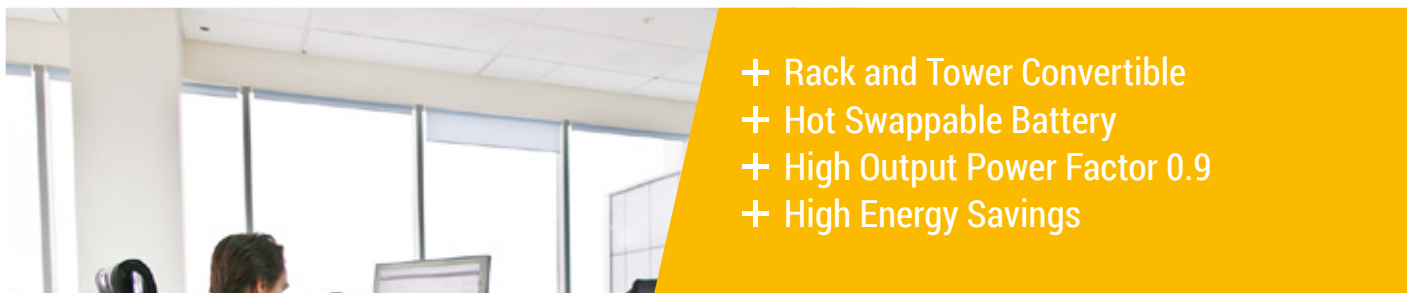
1:1
PHASE

ONLINE UPS

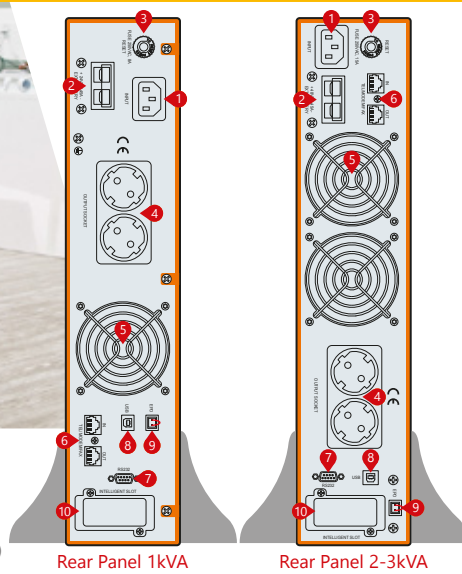


Power Protection for Entry Level IT Servers & Networks

- + Rack/Tower Convertible Design
- + Patented Minic LCD Display can be rotated
- + True Online Double Conversion
- + High Output Power Factor at 0.9 PF
- + Comprehensive display allows easy monitoring and access of UPS status
- + Smart SNMP works with either USB or RS232 together
- + Hot-Swappable Battery
- + Efficiency up to 90%
- + Estimated Remaining Time displayed on the LCD
- + Support Economic (ECO) Operation Mode
- + Matching Battery Pack
- + Optional Powerful Charger
- + Cold Start
- + Power Shedding May Turn Off Uncritical Load in Battery Backup
- + Emergency Power Off
- + Frequency Converter Mode is Settable



- + Rack and Tower Convertible
- + Hot Swappable Battery
- + High Output Power Factor 0.9
- + High Energy Savings



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

Rear Panel 1kVA Rear Panel 2-3kVA



MODEL			
Capacity	1kVA / 900W	2kVA / 1800W	3kVA / 2700W
INPUT			
Nominal Voltage	200/208/220/230/240 VAC or 100/110/115/120/127 VAC		
Voltage Range	55 ~ 150 VAC or 110 ~ 300 VAC @ 60% load, 80 ~ 145 VAC or 160 ~ 300 VAC @ 100% load		
Frequency Range	45 ~ 55 Hz / 55 ~ 65 Hz (Auto-Detect)		
Power Factor	> 0.99 @ Nominal Voltage (100% load)		
OUTPUT			
Voltage Range	200/208/220/230/240 VAC or 100/110/115/120/127 VAC		
Power Factor	0.9		
Voltage Regulation	±1%		
Frequency Range (Synchronized)	45 ~ 55 Hz / 56 ~ 64 Hz		
Frequency Range (Batt. Mode)	50 Hz / 60 Hz ±0.1 Hz		
Current Crest Ratio	3:1		
Harmonic Distortion	≤3% THD (Linear Load); ≤6% THD (Non-Linear Load)		
Transfer Time	AC to DC	Zero	
	Inverter to Bypass	4ms (Typical)	
Waveform	Pure Sinewave		
EFFICIENCY			
AC Mode	88%	89%	90%
Battery Mode	83%	85%	86%
BATTERIES			
Standard Model			
Battery Type	12V / 9Ah	12V / 9Ah	12V / 9Ah
Numbers	2 / 3	4 / 6	6
Backup Time	Estimated Remaining Time Displayed on the LCD		
Typical Recharging Time	4 hours Recover to 90% Capacity		
Charging Current (Max)	1.0 A		
Charging Voltage	27.4 VDC ±1% / 41.1 VDC ±1%	54.7 VDC ±1% / 82.1 VDC ±1%	82.1 VDC ±1%
Long Run Model (Only HV Models)			
Battery Numbers	Depending on teh Capacity of External Batteries		
Charging Current (Max)	6 A / 12 A (Double Board)		
Charging Voltage	27.4 VDC ±1% / 41.1 VDC ±1%	54.7 VDC ±1% / 82.1 VDC ±1%	82.1 VDC ±1%
INDICATORS			
LCD	Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode and Fault Indicators		
ALARMS			
Battery Mode	Sounding Every 4sec		
Low Battery	Sounding Every 1sec		
Overload	Sounding Twice Every 1sec		
UPS Fault	Continously Sounding		
ENVIRONMENTAL			
Humidity	20 ~ 90% RH @ 0 ~ 40°C (Non-Condensing)		
Noise Level	≤50 dB (1m)		
COMMUNICATION			
Smart RS232 / USB	Supports Windows® 2000/2003/XP/Vista/2008/Windows® 7/8/10, Linux, Free BSD and Mac		
SNMP (Optional)	Power Management from SNMP Manager and Web Browser		
DIMENSIONS & WEIGHT			
Standard Model			
Dimension WxDxH (mm)	430x440x86,5	552x440x86,5/701x440x86,5	710x440x86,5
Net Weight (kg)	13.9 / 16.4	20.1 / 25.1	23.3
Long Run Model (Only HV Models)			
Dimension WxDxH (mm)	430x440x86,5	552x440x86,5	
Net Weight (kg)	8.2	10.9	11.3

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