



POWER SERIES RD-UPS 5Kva

- 1.DSP control ,with excellent performance and comprehensive protections for load and UPS ;
2. Output power factor 0.8,offering more stronger load capability;
- 3.Intelligent fan speed control ,with 4 levels varying according to load and temperature;
- 4.Wide input range ,support kinds of generator;
- 5.Compact size and 120Vdc. Less batteries quantity, more economy, safety and easy use;
6. EPO(emergency power off);
- 7.Event log up to 100 events, recording UPS running time and critical memories ;
- 8.Intelligent N+X parallel redundancy, up to 6units
- 9.AC and cold start function;
10. Human friendly large LCD, with plenty operation information
11. Multiple communication ports (optional)
12. Maintenance bypass (option)

Technical Specification

Model	UPS5RD	UPS5RDR	UPSRD6	UPSRDR6
Capacity(Kva/kW)	5KVA/4.0kW	5KVA/4.0kW	6KVA/4.8kW	6KVA/4.8kW
Phase	1/1PHASE, 1wire+N+G			
Input PF	≥ 0.99			

Input voltage	Low transfer	L-N:176 VAC ± 3% @ 100% load;130 VAC ± 3% @ 50% load		
	Low back	L-N:188 VAC ± 3% @ 100% load,142 VAC ± 3% @ 50% load		
	High transfer	L-N:286 VAC ± 3%		
	High back	L-N:270 VAC ± 3%		
Input frequency range		40-70hz		
Battery				
Rating/type	12V/9Ah	depend on external battery	12V/9Ah	depend on external Battery
quantity	10	depend on external battery	10	depend on external Battery
Back up time	4-10mins (depends on load)		3-8mins (depends on load)	
DC voltage	120Vdc			
Charge voltage	137Vdc			
Recharging current	1A	5/10A	1A	5/10A
Output				
Output P.F	0.8			
Output voltage	220/230/240Vac +/-1%(static)			
Frequency	46~54Hz or 56~64Hz (Line mode) 50/60Hz ± 0.1Hz (Battery mode)			
Crest factor	3:1(max)			
Wave distortion	Less than 2%(linear load), Less than 4% Non-linear load			

Over load	105%<load<125% for 1 mins ,125%<load<150% for30sec			
Efficiency	90%(full load)			
Transfer time	0ms (AC-Battery);			
	0 ms(bypass-inverter)			
Indicator				
LCD Panel	UPS status, Load level, Load watt,Load VA,Battery level, Input/Output voltage, output current,Bus voltage, Temp, and warning and fault code and events			
Alarm				
Battery Mode	Sounding every 4 seconds(can mute)			
Low Battery	Sounding every second			
Overload	Sounding every second			
Fault	Continuously sounding			
Management				
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC			
Optional	SNMP/AS400/USB			
Environment				
Operation Humidity	0-90 % RH (non-condensing) @ 0- 40°C			
Noise Level	Less than 55dBA @ 1 Meter		Less than 58dBA @ 1 Meter	
Physical				
Net Weight (KG)	45	18	45	18
Gross Weight(KG)	52	20	52	20
Unit Dimension (D*W*H)mm	510*250*465	507*230*385	510*250*465	507*230*385
Packing (D*W*H)mm	650×363×565	607*330*680	650×363×565	607*330*680

Note:All specifications subject to change without further notice; customized specifications are acceptable

