

RD4000 SS Series

1~3kVA online Rack UPS



Power range

1~3kVA



Operation

1P/1P, online double conversion



Applications

Government, Finance, IT,
Education, Transportation,
Broadcasting, Medical,
Energy, etc.



Characteristics

- High efficiency up to 96%.
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300Vac.
- Max charging current up to 12A.

Model	SS001BR	SS001LR	SS002BR	SS002LR	SS003BR	SS003LR		
Rate Power	1kVA/1kW	1kVA/1kW	2kVA/2kW	2kVA/2kW	3kVA/3kW	3kVA/3kW		
Cold start	Default output 50/60Hz							
Input voltage range	110~300VAC;100% load@176VAC~276VAC, 100%~50% power derating@110VAC~176VAC, 50% load@276VAC~300VAC							
Input power factor	≥0.99							
Frequency range	50/60±5Hz(default),±3Hz/±10Hz(settable)							
Output power factor	1.0							
Output	Rate voltage	220/230/240VAC, 200/208VAC(PF=0.9)						
	Load response	≤5% (0% - 100% -0% step load)						
	Recovery time	≤40ms (0% - 100% -0% step load)						
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3						
Transfer time	Main to BAT	0						
	INV to BYP	4ms						
Efficiency (normal mode)	Max 96%							
Noise (1 meter)	43dB@<60%load, 47dB@>60%load		<50dB@<60%load,<55dB@>60%load		<50dB@<60%load,<55dB@>60%load			
	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds						
	Battery mode	102%~110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds						
Bypass mode	<130%: long time, 130%~150%:10mins, 150%~180%:5 seconds							
Battery	Model	12VDC/7Ah	Depend on external battery	12VDC/7Ah	Depend on external battery	12VDC/9Ah	Depend on external battery	
	Quantity	3		6		6		
	Max charging	1A	1-12A(settable)	1A	1-12A(settable)	1A	1-12A(settable)	
	Rate voltage	36VDC		72VDC		72VDC		
Standard	EPO, RS232							
Option	SNMP card,AS400, USB, RS485, BMS by dry contact, Air filter							
Dimension ,W*D*H(mm)	440*440*86		440*580*86		440*440*86		440*580*86	440*440*86
Weight (kg)	19	9.5	27.5	9.7	28	10		