

GSS Rack 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	GSS01RB	GSS01RL	GSS01.5RB	GSS01.5RL	GSS02RB	GSS02RL	GSS03RB	GSS03RL	
Rate Power	1kVA/1kW	1kVA/1kW	1.5kVA/1.5kW	1.5kVA/1.5kW	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								
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								
Socket(option)	IEC, Schuko, NEMA, South Africa, UK								
Transfer time	Main to BAT	0							
	INV to BYP	4ms							
Efficiency (normal mode)	Up to 96%								
Noise (1 meter)	43dB@<60%load, 47dB@>60%load				<50dB@<60%load,<55dB@>60%load		<50dB@<60%load,<55dB@>60%load		
Overload	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	Quantity	2(12VDC*9Ah) 3(12VDC*7/9Ah)	Depend on external battery	3(12VDC*7Ah)	Depend on external battery	4(12VDC*9Ah) 6(12VDC*7/9Ah)	Depend on external battery	6(12VDC*7/9Ah)	Depend on external battery
	Max charging	1A	1-12A(optional)	1A	1-12A(optional)	1A	1-12A(optional)	1A	1-12A(optional)
	Rate voltage	24/36VDC		36VDC		48/72VDC		72VDC	
Standard	EPO, RS232								
Option	SNMP card,AS400, USB, RS485, Air filter								
Dimension ,W*D*H(mm)	440*440*86				440*580*86	440*440*86	440*580*86	440*440*86	
Weight (kg)	16.5/19	9.5	19	9.5	22.6/27.5	9.7	28	10	

Statement: The products will continue to be innovative and optimized, which may lead to asynchronous updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.