

GSS-Li 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 95.5%.
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300Vac.
- Max charging current up to 12A.

Model	GSS01RB-Li	GSS01RL-Li	GSS02RB-Li	GS02RL-Li	GSS03RB-Li	GSS03RL-Li	
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	208VAC/220VAC/230VAC/240VAC					
	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)	Up to 95.0%		Up to 95.5%				
Noise (1 meter)	45dB@>70% load or >6A charge		50dB@>70% load or >6A charge		50dB@>70% load or >6A charge		
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	Model	12.8VDC/9Ah	50Ah/100Ah	12.8VDC/9Ah	50Ah/100Ah	12.8VDC/9Ah	50Ah/100Ah
	Quantity	2/3	Depend on external battery	4/6	Depend on external battery	6	Depend on external battery
	Max charging	1-4A(settable)	1-12A(settable)	1-4A(settable)	1-12A(settable)	1-4A(settable)	1-12A(settable)
	Rate voltage	25.6VDC/38.4VDC		51.2VDC/76.8VDC		76.8VDC/102.4VDC	
Standard	EPO, RS232						
Option	SNMP card,AS400, USB, RS485, Air filter						
Dimension ,W*D*H(mm)	440*440*86		440*580*86		440*580*86		
Weight (kg)	16.5/19	9.5	22.6/27.5	9.7	28	10	

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