

# GSS Rack Series

## 6~10kVA Single phase Rack UPS



### Power range

6~10kVA

### Operation

1P/1P, online double conversion

### Applications

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

### Characteristics

- Intelligent battery management.
- 3-level topology, high performance and efficiency.
- Online double conversion, full digital control.
- Output PF=1, high load adaptability.
- Wide range of input voltage tolerance.
- Adapt to half-wave load.
- Auto fault waveform recording.
- Self-aging function to save test energy 10kW in 2U, high power density.

Model	GSS06RB	GSS06RL	GSS010RB	GSS010RL	
Rate Power	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW	
Cold start	Default output 50/60Hz				
Input voltage range	110~300VAC; 100% load@176~276VAC; 100-50% load@110~176VAC; 50% load@276~300VAC				
Input power factor	≥0.99				
Frequency range	40-70Hz				
Output power factor	1.0				
Output	Rate voltage	220/230/240VAC, 200/208VAC (PF=0.9)			
	Load response	≤5% (0% - 100% -0%)			
	Recovery time	≤40ms (0% - 100% -0%)			
	THDu	≤1%, linear load; ≤ 5%, non-linear load according to IEC62040-3			
Transfer time-Main to Battery	0ms				
Transfer time-INV to BYP	0ms				
Crest factor	3:1				
Battery type	12VDC/7Ah	External battery	12VDC/9Ah	External battery	
Battery Number	16PCS	16-24 PCS settable	16PCS	16-24 PCS settable	
Battery voltage	192VDC (default), settable				
Max charging	1A settable	1-18A settable	1A settable	1-18A settable	
Efficiency –normal mode	95.5%				
Noise (1 meter)	<58dB				
Overload Normal mode	102%< load 110%: 30 minutes; 110%< load 130%: 10 minutes; 130%< load 150%: 30 seconds				
Communication	RS232				
Option	RS485, SNMP card, APP/WIFI/Bluetooth, dry contact card (Parallel operation not supported)				
Dimension W*D*H(mm)	Cabinet	440*660*172	440*580*86	440*660*172	440*580*86
	Max.	440*736*172	440*657*86	440*736*172	440*657*86

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