

GSS Tower Series

1~3kVA Online Tower 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	GSS01B	GSS01.5B	GSS01L	GSS02B	GSS02L	GSS03B	GSS03L
Rate Power	1kVA/1kW	1.5kVA/1.5kW	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						
Rate voltage	220/230/240VAC, 200/208VAC(PF=0.9)						
Load response	≤5% (0% - 100% -0%)						
Recovery time	≤40ms (0% - 100% -0%)						
Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3						
Socket(option)	IEC, Schuko, NEMA, South Africa, UK						
Main to BAT	0						
INV to BYP	4ms						
Crest factor	3:1						
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		
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						
Quantity	2(12VDC*9Ah) 3(12VDC*7/9Ah)	3(12VDC*9Ah)	Depend on external battery	4(12VDC*9Ah) 6(12VDC*7/9Ah)	Depend on external battery	6(12VDC*9Ah) 8(12VDC*7/9Ah)	Depend on external battery
Max charging	1A		1-12A(optional)	1A	1-12A(optional)	1A	1-12A(optional)
Rate voltage	24/36VDC	36VDC	24/36VDC	48/72VDC		72/96VDC	
Standard	EPO, RS232						
Option	SNMP card, AS400, USB, RS485, Air filter						
Dimension ,W*D*H(mm)	144*355*226			190*400*328	144*398*223	190*400*328	144*398*223
Weight (kg)	16.6/19.1		5	21.5/26.7	7	26.7/31.5	7