ACS 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	
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	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

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