

ACS 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	SS001B	SS01.5B	SS001L	SS002B	SS002L	SS003B	SS003L
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						
Transfer time	Main to BAT	0					
	INV to BYP	4ms					
Crest factor	3:1						
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	
	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds					
Overload	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/7Ah	Depend on external battery
	Quantity	3		6		8	
	Max charging	1A	1-12A(settable)	1A	1-12A(settable)	1A	1-12A(settable)
	Rate voltage	36VDC		72VDC		96VDC	
	Standard	EPO, RS232					
Option	SNMP card, AS400, USB, RS485, BMS by dry contact, Air filter						
Dimension ,W*D*H(mm)	144*355*226			190*400*328	144*398*223	190*400*328	144*398*223
Weight (kg)	10.5		4.5	20.5	6	25	6

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

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			
	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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