

CERES RACK Li 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	CERES SRLi-1K	CERES SRKLi-1K	CERES SRLi-2K	CERES SRKLi-2K	CERES SRLi-3K	CERES SRKLi-3K	
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						
Rate voltage	208VAC/220VAC/230VAC/240VAC						
Output	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)	95.0%		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, BMS by dry contact, Air filter						
Dimension ,W*D*H(mm)	440*440*86		440*580*86		440*580*86		
Weight (kg)	15.5/16.8	9.5	20.7/23.3	9.7	23.8	10	

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