

# CERES 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	CERES SR-6K	CERES SRK-6K	CERES SR-10K	CERES SRK-10K
Rate Power	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW
Cold start	Default output 50/60Hz			
Input voltage range	110~288VAC; 100% load@>176VAC; 90% load@>154VAC; 75% load@>132VAC; 50% load@>110VAC			
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	5A	1A	5A
Efficiency –normal mode	Max 95%			
Noise (1 meter)	<58dB			
Overload	Normal mode			
	105%~110%: 10mins, 111%~125%: 1 min, 126%~150%: 30 seconds			
ECO mode				
<125%: long time, 126%~130%: 5mins, 131%~150%: 1min, >150% :200ms				
Communication				
RS232, EPO, RS485				
Option				
AS400, USB, SNMP card, 12A charger, Parallel kit, Air filter				
Dimension W*D*H(mm)	440*660*172	440*580*86	440*660*172	440*580*86
Weight(kg)	62.5	16	63	18

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