

Power Cube SR5K-100B

Stackable Energy Storage



FEATURES

- Modular construction, easy to install
- LED screen displays real-time device parameters
- Cycle life up to 6000 times
- Intelligent battery management system
- Can be used with hybrid inverter



Technical Parameters

Model	SR5K-100B	
Battery Type	LiFePO4@GF	LiFePO4@GF
Nominal Capacity	100Ah	100Ah
Rated Battery Voltage	48V	51.2V
Operating Voltage Range	36.8~55.2V	40~58.4V
Max. Charging Current	100A	100A
Max. Discharge Current	100A	100A
Max. Stack Quantity	4	4
Operating Temperature Range	Charge:0~60°C & 32~140°F Discharge:-20~60°C & -4~140°F	
Operating RH	0-95% RH	
Working Altitude	<3000m	
Assembly Method	Stack	
Net Weight	≈48.7kg (1 Pack) ≈20kg (Inverter)	≈51kg (1 Pack) ≈20kg (Inverter)
Size(L*W*H)	570*400*267mm (Pack)	580*400*185mm(inverter)
PV Input		
Num. of MPPT Trackers	1	
Max. PV Array Power	5200W	
Max. Input Current	18A	
Max. Voltage of Open Circuit	500Vdc	
MPPT Voltage Range	120~450Vdc	
MPPT Tracking Efficiency	99.9%	
Inverter Output		
Rated Output Power	5,000W	
Max. Peak Power	10,000W	
Rated Output Voltage	120Vac(Single-Phase L+N+PE)	
Max. Battery Inverter Efficiency	>90%	
Load Capacity of Motors	4HP	
Rated AC Frequency	50/60Hz	
Waveform	Pure sine wave	