

# Power Cube SR5K-100A

## 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-100A

	LiFePO4@GF	LiFePO4@GF
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)	640*422*194mm (Pack)    640*422*194mm(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