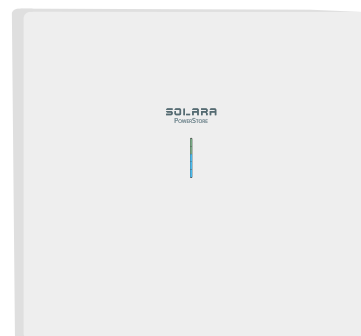


Specifications

- Plug&Play at any time, quick and easy installation
- Compact and modular design, easy for expansion and maintenance
- Using LiFePO4 battery cells, up to 6000 cycles at 25°C
- High quality and low maintenance rate
- Precise battery management technology



Basic Information

Battery Type	LifePO4
Rated Voltage(V)	51.2
Rated Capacity(Ah)	100
Rated Energy(Wh)	5120
Max. Operating Current(A)	100
Operating Voltage Range (V)	43.2-57.6
Recommended Charging Voltage(V)	<56+-0.5
Discharge Cut-off Voltage(V)	44+-0.2
Charge Temperature Range	0°C- 50°C
Discharge Temperature Range	-15°C- 50°C
Storage Temperature	0 °C ~ 45 °C (less than 3 months)
Charging Current(A) (recommended)	<50 (0.5C)
Max. Charging Current(A)	100 (1min)
Maximum Continuous Discharge Current(A)	100
Maximum Discharge Current(A)	120 (1min)
Cycle Life and DOD	6000 cycles @80% DOD, 25°C, 0.5C EOL70%

Protection

Over Voltage/Over Charge Protection	Integrated
Under Voltage/Over Discharge Protection	Integrated
Over Current Protection	Integrated
Short Circuit Protection	Integrated
Over Temperature Protection	Integrated

Other Information

Dimension(W*H*D,mm)	610*597*161
Weight (kg)	49
Cooling Method	Natural air cooling
Altitude (m)	Integrated
Communication	RS485,CAN2.0B
Number of Packs in paralleling	2-4
Warranty (year)T	5