

**STE-LS5**  
**51.2V100AH**  
 LIFEPO4 BATTERY  
 51.2V100Ah



**HIGH SAFETY**

The use of the most advanced lithium iron phosphate battery core technology.



**LONG LIFE**

≥5000 cycles.



**STRONG PERFORMANCE**

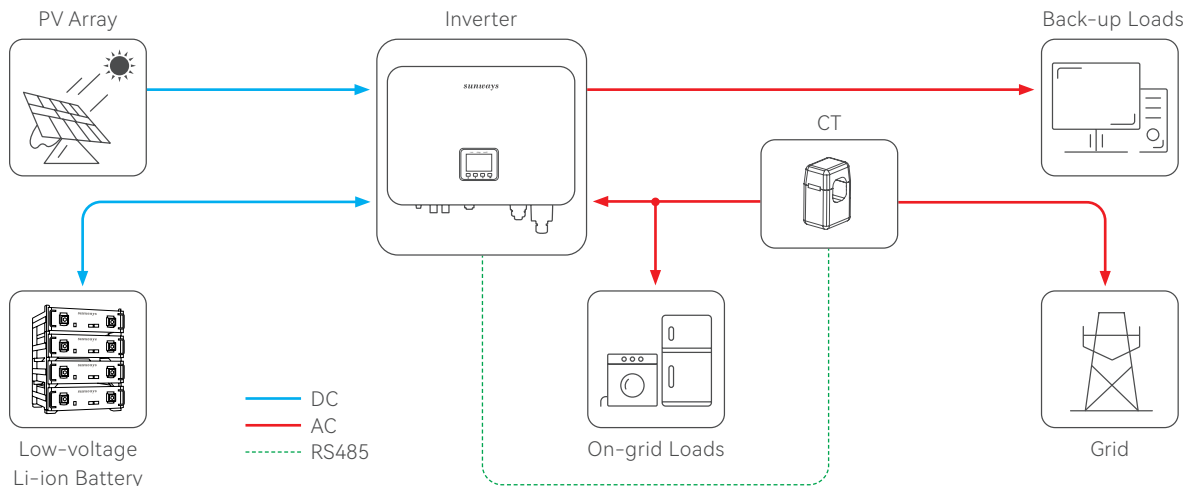
Cold resistance (-20-60 °C)

high temperature resistance (0-50 °C).



**MODULAR DESIGN**

support for multiple modules used in parallel, easy to install and maintain.



Model	STE-LS5
Battery Type	LiFePO4
Nominal Battery Energy (kWh)	5.12
Nominal Capacity (Ah)	100
Nominal Voltage (V)	51.2
Charging Cut-off voltage (V)	57.6
Discharging End-off voltage (V)	40
Recommended Charge / Discharge Current (A)	50
Max. Power Charge / Discharge Current (A)	100
Peak Power Charge / Discharge Current (A)	200(5s)
Weight (kg)	45
Max. Dimension [W*D*H] (mm)	480*460*155.5
Charging Temp. Range (°C)	0-50
Discharging Temp. Range (°C)	-20-6
Communication	CAN / RS485
Calendar Life	≥5000 Cycles
Protection Degree	IP20

· Standard operating temperature for batteries is 25°C