

SL-W-02

LiFePO₄ Battery

100AH-300AH



• Product Snapshot



Suitable for photovoltaic energy storage

High charge and discharge currents of up to 100A/200A, suitable for solar energy storage systems.



Ultra-long cycling life

6000 battery cycles, with 5-year warranty and designed lifespan of over 10 years.



LCD display

Equipped with a display screen with communication ports (CAN/RS485/RS232).



Wall-mountable design

Compact design of the energy wall, small size, space-saving.



Multiple protection design

Built-in protections against overcharge, over-discharge, over-temperature, over-current, short-circuit, etc.



Communication friendly

Can communicate with different brands of hybrid energy storage inverters.

Technical Specification	SL 25.6300	SL 51.2300
Case design	Stand by the wall&Hang on the wall	
Battery Type	LiFePO ₄	
Nominal Battery Model	25.6V 300AH	51.2V 300AH
Nominal Capacity(25°C,0.2C)	7500Wh	15360Wh
Voltage range(VDC)	20~29.4V	40~58.4V
Float Charge Voltage(VDC)	27.6V	58.4V
Max Continuous Discharge Current(A)	200A	
Max Continuous charge Current(A)	150A	
Cycle life,+25°C,0.2C 100%DOD	>6000Cycles	
Storage temperature	-10~45°C	
Storage duration	3 months at 25°C	
Degree of protection	IP20	
Communication	CAN/RS485/RS232,standard BMS with SOROTEC Inverters Communication protocol	
PROTECTION		
Protection	Overcurrent protection,overdischarge protection,short circuit protection, overcharge protection	
AMBIENT		
Working Temperature	Discharge: -20°C ~ +65°C Charge: 0°C ~ +45°C	
Humidity	0~80%(no condensation)	
Dimensions W x D x H (mm)	640*462*225	973.6*460*273.2