

SL-W/SL-R series

LiFePO₄ Battery

100AH-600AH



• 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 25.6100	SL 25.6200	SL 25.6300	SL 51.2100	SL 51.2200	SL 51.2300	SL 51.2400	SL 51.2600
Case design	Stand by the wall&Hang on the wall							
Battery Type	LiFePO ₄							
Nominal Battery Model	25.6V 100AH	25.6V 200AH	25.6V 300AH	51.2V 100AH	51.2V 200AH	51.2V 300AH	51.2V 400AH	51.2V 600AH
Nominal Capacity(25°C,0.2C)	2560Wh	5120Wh	7680Wh	5120Wh	10240Wh	15360Wh	20480Wh	30720Wh
Voltage range(VDC)	21.6~29.2V			43.2~58.4V				
Float Charge Voltage(VDC)	28.8V			57.6V				
Max Continuous Discharge Current(A)	100A	150A	200A	100A	200A		300A	
Max Continuous charge Current(A)	100A	150A	200A	100A	200A		300A	
Cycle life,+25°C,0.2C 100%DOD	>6000Cycles							
Storage temperature	-10~45°C							
Storage duration	6 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)	664*509*285		523*390*283	685*525*250	985*525*250	985*525*250	940*540*280	940*680*280