SL-W SL-R series

$LiFePO_4$ 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 25.6100	SL 25.6200	SL 48100	SL 48200	SL 48300	SL 51.2100	SL 51.2200	SL 51.2300
Case design	Stand by the wall & Hang on the wall							
Battery Type	$LiFePO_4$							
Nominal Battery Model	25.6V 100AH	25.6V 200AH	48V 100AH	48V 200AH	48V 300AH	51.2V 100AH	51.2V 200AH	51.2V 300AH
Nominal Capacity(25°C,0.2C)	2560Wh	5120Wh	4800Wh	9600Wh	14400Wh	5120Wh	10240Wh	15360Wh
Voltage range(VDC)	20~29.4V		40~58.4V					
Float Charge Voltage(VDC)	27.6V		55.2V		58.4V	55.2V		58.4V
Max Continuous Discharge Current(A)	100A				200A	100A		200A
Max Continuous charge Current(A)	100A							
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 Conmmunication 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	0~95% (no condensation)							
Dimensions W x D x H (mm)	460*195*642	460*180*872	460*195*642	460*180*872	460*273*973	460*195*642	460*180*872	460*273*973