High Voltage

SL-S-EC

LiFePO$_4$ Battery

20/30kWh



Product Snapshot

Quality assurance
Brand batteries with high density and lightweight for excellent performance.

Modular design
High-voltage lithium battery system with modular stacking design.

Intelligent BMS
Optimizes performance and includes multiple protection designs.

Communication friendly
Compatible with RS485/CAN protocols of different brands of solar inverters.

Cycle protection
6000 cycles with built-in protections around the battery.

5-year warranty
Long lifespan, 5-year warranty, designed for a lifespan of 10+ years.

Technical Specification	SL-S-EC	
Rated electricity (kWh)	20.48	30.72
Rated capacity (Ah)	50	60
Rated voltage (V)	51.2	51.2
Maximum continuous discharge power (W)	20480	20480
Maximum continuous charging power (W)	20480	20480
Standard charge and discharge current (C)	0.5	0.5
Charging voltage temperature range	-10°C~50°C	-10°C~50°C
Discharge voltage temperature range	0°C~50°C	0°C~50°C
Communication mode	CAN	CAN
Quality guarantee	5 years	5 years
Class of protection	IP20	IP20
Installation mode	ground	ground
Colour	Rock material shell	Rock material shell
Module connection mode	Plug and remove	Plug and remove
Dimensions W x D x H(mm)	640*215*1390	630*272*1060
Net Weight (KG)	226	235
Single PACK		
Battery type	$LiFePO_4$	$LiFePO_4$
Standard charge and discharge current (A)	25A	25A
Operating temperature discharge/charge	-10°C~50°C / 0°C~50°C	-10°C~50°C / 0°C~50°C
High voltage control box		
Communication mode	CAN/RS485	CAN/RS485
Maximum charge and discharge current (A)	50	50
Maximum voltage	650V	650V