

LIFEPO4 BATTERY

Rack Type Series (LV)

48V/51.2V

Support 15 units in Parallel



Safety & Reliable
LiFeP04 & Smart BMS

Expand capacity flexibly
Parallel to expand capacity easily

Optimal Electricity Cost
Long cycle life and superior performance

High compatibility BMS
Seamless communication with most brands inverters

Compact Size & East Installation
Module and Rack design for quick installation

Multi-Applications
Self-Use, Peak Shaving, UPS, Backup, ESS, HESS, BESS.

WIDE COMPATIBILITY

					MORE +

Technical Parameter

MODEL	SS-LV54R16S	SS-LV51R15S
Model	51.2V106AH	48V106AH
Nominal Voltage (V)	51.2V	48V
Nominal Capacity	106AH	106AH
Dimension mouldle(mm)	440*442*133mm	440*442*133mm
Weight(kg)	50kg	47kg
Nominal Voltage (V)	51.2	48
Nominal Capacity (Wh)	5427	5088
Discharge Voltage (V)	44.8	42
Charge Voltage (V)	56.8	54.7
Recommend Charge/Discharge Current (A)	80	80
Max. Charge/Discharge Current(A)	100	100
Communication	RS485/RS232/CAN	RS485/RS232/CAN
Working Temperature	0°C~50°C Charge -10°C ~50°C Discharge	0°C~50°C Charge -10°C ~50°C Discharge
Transport or Storage Temperature Range	-20°C~60°C	-20°C~60°C
Certification	CE/IEC/UL/UN38.3/MSDS	CE/IEC/UL/UN38.3/MSDS
Design Life	15years+	15years+
Cycle Life	(0.5C/0.5C-80% DOD) >6000 times	(0.5C/0.5C-80% DOD) >6000 times
Parallel Function	Support 15 units in Parallel	
Certification	UN38.3/MSDS/ROHS	