

R SERIES

RACK HIGH VOLTAGE LITHIUM BATTERY



Flexible Expansion



Battery Protection



Long-term Reliability



Economic

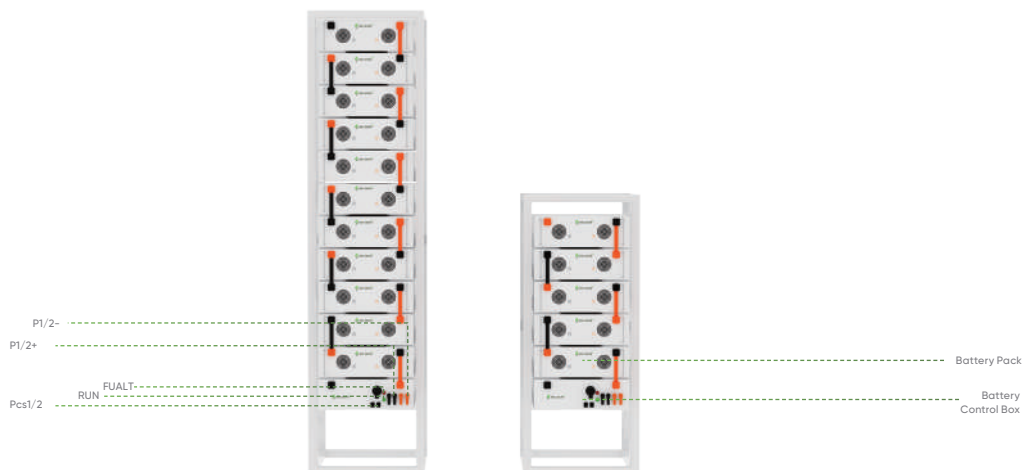


Wide Compatibility



IP20

System Productization



RACK HIGH VOLTAGE LITHIUM BATTERY

DATASHEET

MODEL

Battery Type	LiFePO ₄
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Net Weight	43.5kg
Dimension(W/D/H)	440/420/133mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	6000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 15 units in series
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.

Certification & Safety Standard UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Rack Type	SAS-61.44KWH-R	SAS-66.56KWH-R	SAS-71.68KWH-R	SAS-76.8KWH-R
Battery Module Quantity	12units	13units	14units	15units
Nominal Battery Energy	61.44kWh	66.56kWh	71.68kWh	76.8kWh
Nominal Capacity	100Ah	100Ah	100Ah	100Ah
Nominal Voltage	614.4V	665.6V	716.8V	768.0V
Max.Power Output	61.44kW	66.56kW	71.68kW	76.8kW
Discharge Cut-off Voltage	528V	572V	616V	660V
Charge Cut-off Voltage	681.6V	738.4V	795.2V	852V
Recommend Charging Current	50A	50A	50A	50A
Recommend Discharging Current	50A	50A	50A	50A
Max Charge/Discharge Working Current (A)	100A	100A	100A	100A
Net Weight	620KG	670KG	720KG	775KG
Working temperature	Charge : 0 ~ 55 °C / Discharge : -20 °C ~ 55 °C			
Design Life	10 years+			
Dimension(W/D/H)(mm)	600*550*1004*2	600*550*1216*2	600*550*1216*2	600*550*1216*2
Module Quantity and Configuration	12 Units in series	13 Units in series	14 Units in series	15 Units in series

*File version: 2026V1-EN

*Weight and Size of the battery module is based on the actual product,

*Specifications may vary during continuous improvements, pls contactus for latest details.

*The installation of battery packs is related to product quality assurance, safe and stable operation. Please follow the requirements of the user manual for standardized installation, use, and routine maintenance

*Each column can hold a maximum of 10 batteries plus one high-voltage box, please confirm the number of batteries per column with the sales team.



Email: info@sailsolarpv.com Web: www.sailsolarpv.com
Add: Cross Border E-Commerce Supervision Zone, Yulei Road, Hefei, Anhui, China

