

R SERIES

RACK HIGH VOLTAGE LITHIUM BATTERY



Flexible Expansion



Battery Protection



Long-term Reliability



Economic

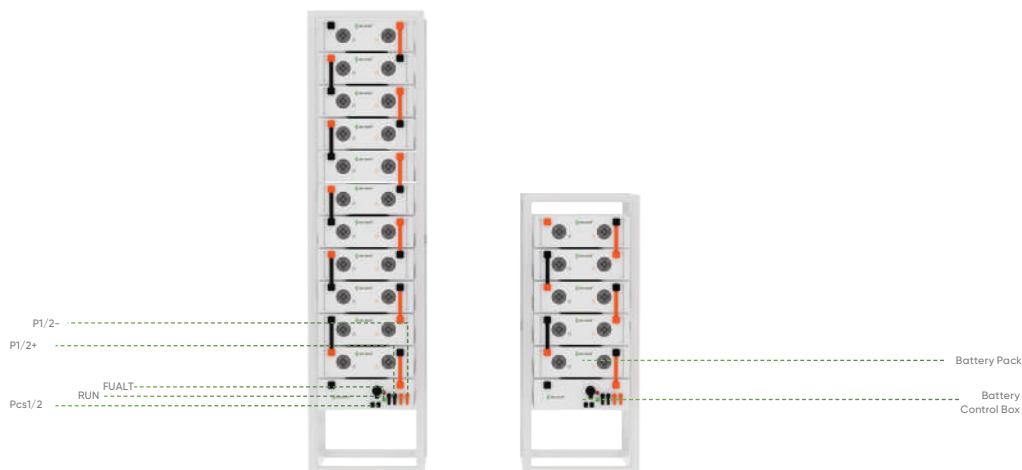


Wide Compatibility



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
Charging Temp. Range	0-55°C
Discharging Temp. Range	-20-55°C
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	60A	60A	60A	60A
Recommend Discharging Current	60A	60A	60A	60A
Max Charge/Discharge Working Current (A)	100A	100A	100A	100A
Net Weight	620KG	670KG	720KG	775KG
Working temperature	0-50°C Charge -10-50°C Discharge			
Transport or Storage Temperature Range	-20-60°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

