

R SERIES

RACK HIGH VOLTAGE LITHIUM BATTERY



Flexible Expansion



Battery Protection



Long-term Reliability



Economic

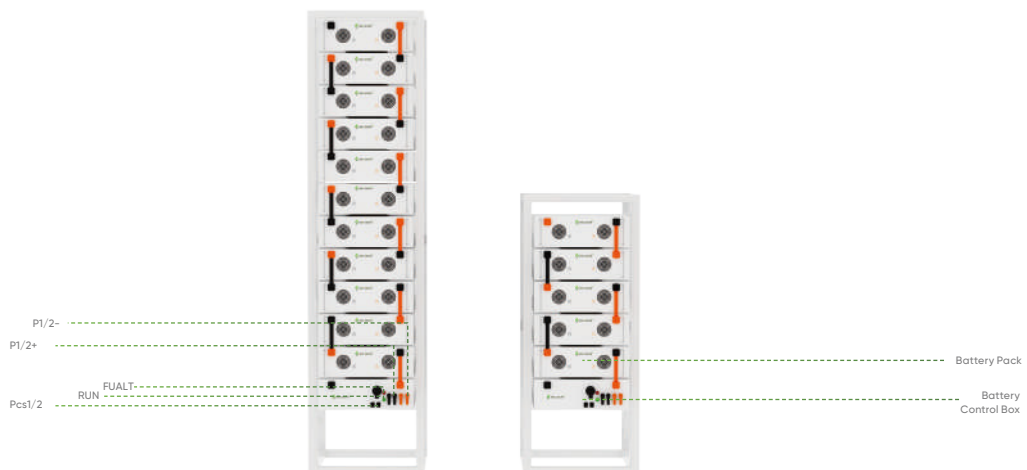


Wide Compatibility



IP20

System Productization



RACK HIGH VOLTAGE LITHIUM BATTERY

DATASHEET

MODEL

Battery Type	LiFePO ₄
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Net Weight	80kg
Dimension(W/D/H)	442/620/223mm
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-71.68KWH-R	SAS-81.92KWH-R	SAS-92.16KWH-R	SAS-102.4KWH-R
Battery Module Quantity	7units	8units	9units	10units
Nominal Battery Energy	71.68kWh	81.92kWh	92.16kWh	102.4kWh
Nominal Capacity	200Ah	200Ah	200Ah	200Ah
Nominal Voltage	358.4V	409.6V	460.8V	512V
Max.Power Output	71.68kW	81.92kW	92.16kW	102.4kW
Discharge Cut-off Voltage	308V	352V	396V	440V
Charge Cut-off Voltage	397.6V	454.4V	511.2V	568V
Recommend Charging Current	100A	100A	100A	100A
Recommend Discharging Current	100A	100A	100A	100A
Max Charge/Discharge Working Current (A)	200A	200A	200A	200A
Net Weight	686KG	784KG	882KG	980KG
Working temperature	Charge : 0 ~ 55 °C / Discharge : -20 °C ~ 55 °C			
Design Life	10 years+			

*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 8 batteries plus one high-voltage box, please confirm the number of batteries per column with the sales team



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