

Battery Specification



RACK Series | Energy Storage Battery

RACK series lithium battery inherits the classic modular design for easy rack installation. It utilizes proven lithium iron phosphate cells with built-in smart BMS, ensuring great safety and high efficiency to store solar energy, bringing seamless backup power to keep your household appliances running during a power outage.

Key Features

Friendly communication compatible with 20+ inverter brands.

Support 15pcs in parallel connection for flexible energy expansion.

3U, 4U, 5U sizes available with max 200A high current.

Model	RACK4850	RACK48100	RACK48150	RACK48200
Nominal Voltage	51.2V			
Nominal Capacity	50Ah	100Ah	150Ah	200Ah
Energy	2.56kWh	5.12kWh	7.68kWh	10.24kWh
Charge Cut-off Voltage	58.4V			
Discharge Cut-off Voltage	40V			
Max. Charge Current	50A	100A		
Max. Constant Discharge Current	50A	100A	150A	200A
Peak Current	100A	200A	200A	300A
Max. Modules in Parallel	15pcs in parallel			
Communication	RS485/RS232/CAN			
Dimension	442*450*133mm 17.4*17.7*5.2in	442*510*155mm 17.4*20*6.1in	442*400*311mm 17.4*15.7*12.2in	442*680*223mm 17.4*26.8*8.8in
Weight	29kg/64lbs	49.5kg/109lbs	76kg/168lbs	100kg/220lbs
Qty/20GP/40GP	360pcs/720pcs	250pcs/420pcs	175pcs/250pcs	130pcs/190pcs
Temperature	Charge: 0~50°C; Discharge: -15~ 60°C			

Specifications subject to change without notice, please contact us to get the latest information.

System Diagram

