

Battery Specification



HV Series | Energy Storage Battery

HV Series is a safe energy storage lithium battery system, with voltage optional from 192V to 480V, suited for residential or light commercial buildings that are powered by high voltage. The battery system is created at an automotive-grade craft, bringing a highly reliable power source to ensure the normal operation of the appliances.

Key Features

High safety and reliability for energy storage.

Automotive-grade quality standard provides far superior performance.

Support series connection for flexible energy expansion.

Model	HV19250	HV192100	HV24050	HV240100
Nominal Voltage	192V		240V	
Nominal Capacity	50Ah	100Ah	50Ah	100Ah
Energy	9.6kWh	19.2kWh	12kWh	24kWh
Charge Cut-off Voltage	218V		200V	
Discharge Cut-off Voltage	160V		270V	
Recommended Charge Current	25A	50A	25A	50A
Max. Charge Current	50A	100A	50A	100A
Max. Constant Discharge Current	50A	100A	50A	100A
Peak Current	100A	200A	100A	200A
Dimension	460*330*480mm 18.1*13*18.9in	600*600*1600mm 23.6*23.6*63in	460*330*640mm 18.1*13*25.2in	1530*600*600mm 60.2*23.6*23.6in
Weight	100kg/220.5lbs	190kg/418.9lbs	170kg/374.8lbs	260kg/573.2lbs
Qty/20GP/40GP	130pcs/190pcs	24pcs/48pcs	75pcs/110pcs	24pcs/48pcs
Communication	RS485/CAN			
Temperature	Charge: Charge Temperature; Discharge: -15~ 60°C			

Model	HV38450	HV384100	HV48050	HV480100
Nominal Voltage	384V		480V	
Nominal Capacity	50Ah	100Ah	50Ah	100Ah
Energy	19.2kWh	38.4kWh	24kWh	48kWh
Charge Cut-off Voltage	435V		545V	
Discharge Cut-off Voltage	320V		400V	
Recommended Charge Current	25A	50A	25A	50A
Max. Charge Current	50A	100A	50A	100A
Max. Constant Discharge Current	50A	100A	50A	100A
Peak Current	100A	200A	100A	200A
Dimension	460*330*780mm 18.1*13*30.7in	600*600*1600mm 23.6*23.6*63in	600*600*1600mm 23.6*23.6*63in	1200*600*1600mm 47.2*23.6*63in
Weight	280kg/617.3lbs	500kg/1102.3lbs	350kg/771.6lbs	600kg/1322.8lbs
Qty/20GP/40GP	45pcs/65pcs	24pcs/35pcs	24pcs/48pcs	12pcs/24pcs
Communication	RS485/CAN			
Temperature	Charge: Charge Temperature; Discharge: -15~ 60°C			

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