



HV Series | Energy Storage Battery

Polinovel HV Series is a safe energy storage lithium battery system, with voltage optional from 192V to 480V, suited for residential or 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	HV204100	HV307100	HV409100	HV512100
Nominal Voltage	204.8V	307.2V	409.6V	512V
Nominal Capacity	100Ah	100Ah	100Ah	100Ah
Energy	20.48kWh	30.72kWh	40.96kWh	51.2kWh
Charge Cut-off Voltage	233.6V	350.4V	467.2V	584V
Discharge Cut-off Voltage	160V	240V	320V	400V
Standard Charge Current	50A	50A	50A	50A
Max. Charge Current	100A	100A	100A	100A
Constant Discharge Current	100A	100A	100A	100A
Peak Discharge Current	200A	200A	200A	200A
Dimension (L*W*H) mm/in	600*500*1040 (23.6*19.7*40.9")	600*500*1360 (23.6*19.7*53.5")	600*500*1680 (23.6*19.7*66.1")	600*500*2000 (23.6*19.7*78.7")
Weight	200kg/441lbs	300kg/661lbs	400kg/882lbs	500kg/1102lbs
Qty/20GP/40GP	24/48pcs	24/48pcs	24/48pcs	24/48pcs
Communication	RS485/CAN			
Temperature	Charge: 0~50°C; Discharge: -15~60°C			

Specifications are subject to change without notice. Please contact us to get the latest information.