

High Voltage Battery Series



Long Life



Mobility



Space Saving



Home Appliance
Style

- GYHVD-512100
- GYHVD-102450

- All new grade A cell LFP battery
- 6000 times circle life
- Supports stacking 8 batteries or 6 batteries
- High class of safety with built-in BMS protection

CE U FC UN38.3 MSDS



Model	GYHVD-512100	GYHVD-102450
Battery		
Standard Voltage	51.2V	102.4V
Normal Capacity	100Ah	50Ah
Rated Energy	5.12kWh	
Max Charge-Discharge Rate	1C/100A	1C/50A
Product Dimension	550*500*171mm	
Package Dimension	545*510*300mm	
Net Weight	41kg	
Cycle Life	≥6000 @ 25℃, 80% DOD	
Stacking Parameters		
Max Stacking Quantity	8 PCS	6 PCS
Standard Voltage	409.6V	614.4V
Working Voltage	345.6 ~ 460.8V	518.4 ~ 691.2V
Rated Energy	40.93kWh	30.72kWh
Total Product Dimension	550*500*1629mm	550*500*1287mm
Net Weight	360kg	263kg
General Parameters		
Ingress Protection	IP20	
Installation	Stacked	
Communication	CAN / RS485/WiFi(Optional)	
Working Temperature	0 ~ 55℃	
Storage Temperature	-20 ~ 55℃	
Humidity	≤80%	