

High Voltage Battery Series



Safe



Easy
Mounting



Independent
Maintenance



Good Heat
Dissipation

- GYG-512100
- GYG-102450
- GYG-512200

- All new grade A cell LFP battery
- 6000 times circle life
- This series has shelves to choose
- High class of safety with built-in BMS protection

CE U FC UN38.3 MSDS



Model	GYG-512100		GYG-512200		GYG-102450
Battery					
Standard Voltage	51.2V		51.2V		102.4V
Normal Capacity	100Ah		200Ah		50Ah
Rated Energy	5.12kWh		10.24kWh		5.12kWh
Max Charge-Discharge Rate	1C/100A		0.5C/100A		1C/50A
Product Dimension	421*480*165mm		773*560*165mm		421*480*180mm
Package Dimension	545*510*300mm		900*620*385mm		545*510*300mm
Net Weight	41kg		85kg		41kg
Cycle Life	≥6000 @ 25°C, 80% DOD				
Stacking Parameters					
Max Stacking Quantity	8 PCS	12 PCS	8 PCS	12 PCS	6 PCS
Standard Voltage	409.6V	614.4V	409.6V	614.4V	614.4V
Working Voltage	345.6 ~ 460.8V	518.4 ~ 691.2V	345.6 ~ 460.8V	518.4 ~ 691.2V	518.4 ~ 691.2V
Rated Energy	40.93kWh	61.44kWh	81.92kWh	122.88kWh	30.72kWh
Product Dimension of the Shelf	506*556*1835mm	506*556*2410mm	826*636*1723mm	826*636*2410mm	506*556*1835mm
Package Dimension of the Shelf	546*596*1875mm	546*596*2450mm	866*676*1763mm	866*676*2450mm	546*596*1875mm
Cabinet Weight	75kg	98kg	95kg	130kg	75kg
General Parameters					
Ingress Protection	IP20				
Installation	Cabinet				
Communication	CAN / RS485/WiFi(Optional)				
Working Temperature	0 ~ 55°C				
Storage Temperature	-20 ~ 55°C				
Humidity	≤80%				