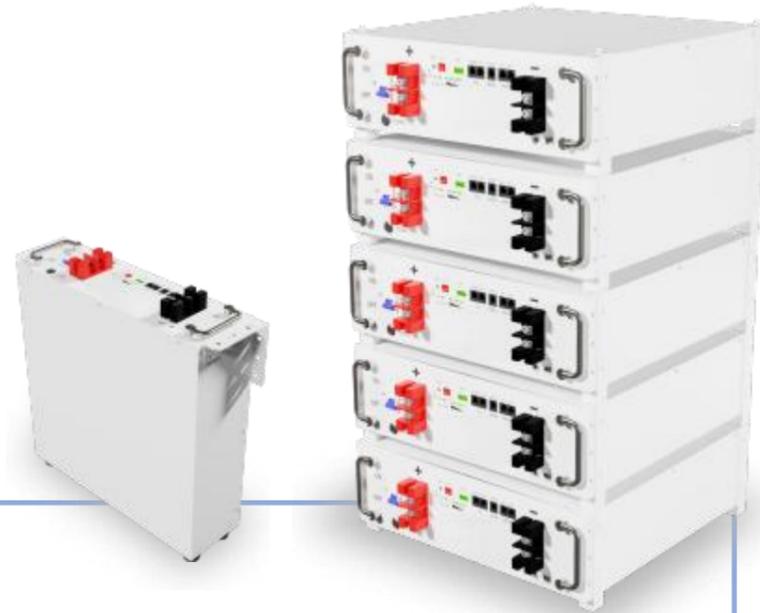


GLR-100 (LOW VOLTAGE)

LFP Battery

51.2V 100Ah



PRODUCT FEATURE



HIGH CYCLE LIFE

Can achieve 6000 cycles at 90% state of charge, effectively reducing total cost of ownership.



FAST CHARGING SPEED

High charge and discharge efficiency, reducing equipment downtime and saving more time.



HIGHLY ADAPTABLE

Strong environmental adaptability, can withstand up to 60°C.



SAFER

Real-time monitoring of BMS for better system protection.



EASY TO STORE

Due to its extremely low self-discharge rate (LSD) and no risk of sulfation, it can last up to 6 months.



EASY TO STORE

Lithium batteries provide more watt-hours per kilogram while weighing only one-third of their SLA equivalents.

PRODUCT PARAMETER

BATTERY PARAMETERS	Model number	GLR-100
	Rated voltage (V)	51.2
OPERATIONAL PARAMETERS	Rated capacity (Ah)	100
	Rated energy of battery (kWh)	5.12
	Voltage range (V)	44.8-57.6
	Recommended charging current (A)	50
	Recommended discharge current (A)	50
	Charging temperature (°C)	0~55
	Discharge temperature (°C)	-20~60
	Storage temperature (°C)	-10~40
SYSTEM PARAMETERS	Size: Length * Width * Height (mm)	440*440*133
	Weight (kg)	48
	Port communication	RS485、RS232、CAN
	Wireless communication	WiFi、Bluetooth
	Compatible with inverter	Growatt,Solis Goodwe,Sol-Ark,SRNE,DEYE
	Cycle life	>6000 (0.5C@ 25°C, 90% DOD)
	Installation method	Rack、Wall-mounted、Stand-mounted
CERTIFICATION	Design lifespan (years)	15
	Security and Authentication	CE,EMC
	Transportation	UN38.3

*The data in this table is for reference only, and is subject to actual delivery.