



GreensunSolar

LiFePO4 Battery Rack Mounted

GLR-100 5.12Kwh



Features

Safety & Reliable



Very Safe and High Quality with LiFePO4 technology & Smart BMS

Compact Size & Easy Installation



Elegant Design
Floor-mounted for quick installation

High compatibility BMS



Seamless communication with most brands inverters

≥6000Cycles,LongLiFe



Long cycle life with tier 1 brand A grade cells and superior performance

Expand capacity flexibly



Parallel to expand capacity easily up to 76.8kwh

Wide Applications

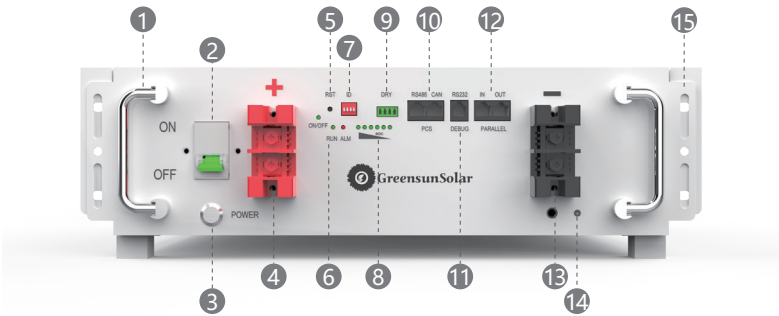
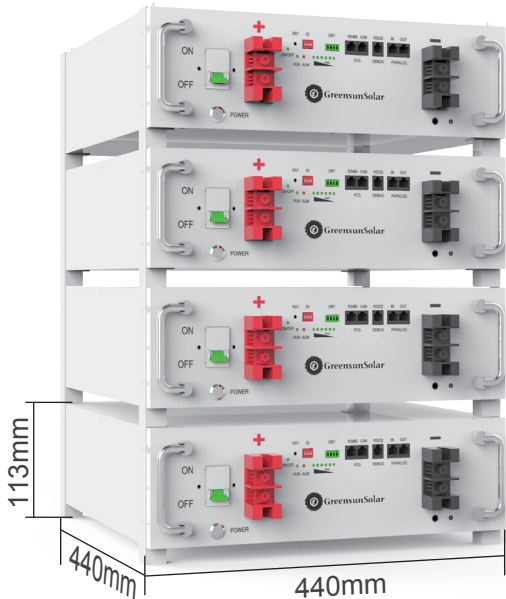


Self-Use, Peak Shaving, UPS, Backup, ESS, HESS, BESS, Bank, Hospital, School, Base Station

Technical Data

Model		GLR-100
Main Parameter	Battery Chemistry	LiFePO4
	Built-In Circuit Breaker	125A 1P
	Nominal Capacity	100Ah
	Nominal Voltage	51.2V
	Operating Voltage	44.8~57.6V
	Nominal Energy	5.12Kwh
	Scalability	Max. 15 pcs pack (Max. 76.80kWh) in parallel
Other Paramete	Charge/Discharge Current	Max. Continuous Peak
		100A 150A(100ms)
	Recommend Depth of Discharge	90% DoD
	Dimension	440*440*133mm
	Battery Pack N.W.	43kg
	Master LED Indicator	6LED (SOC : 17% ~ 100%) , 3LED (ON/OFF, RUN, Alarm)
	Bluetooth	Include
	Communication Port	CAN/RS232/RS485
	IP Rating of Enclosure	IP20
	Operating Temperature	Charge : 0°C~55°C, Discharge : -20°C ~ 60°C
	Storage Temperature	-10 ~ 40°C
	Relative Humidity	95%
	Altitude	≤2000 m
	Cycle Life	≥6000 90%DOD
	Warranty Period	10Years
	Installation	Rack Mounted
	Certification	CE,UN38.3,MSDS

Battery Overview



1	Handle	2	Breaker	3	Power Switch
4	Positive Connector	5	Reset Button	6	ON/OFF/RUN/ALM
7	DIP	8	SOC LED	9	DRY CONTACT
10	CAN/RS485 Port	11	RS232 Port	12	IN/OUT Port For Parallel
13	Negative Connector	14	Grounding	15	Used For Fixing With Cabinet

Battery Pack Default Accessories

	DC Power Cable: Pair of 25mm ² DC power cable(end is M8 copper terminal). The default length is 1500mm Pair of 25mm ² DC parallel cable(end is M8 copper terminal). The default length is 150mm
	Ground Cable: 6mm ² Yellow-green ground line, The default length is 1500mm
	RJ45 communication cable: One RJ45 communication cable connect with hybrid inverter. The default length is 1500mm One RJ45 parallel cable connect with battery. The default length is 200mm
	Simple stacking bracket: Used for battery stacking and securing

Easy Expansion

