

Rack Type LV Battery System

GLR-200



Features

Safety & Reliable



Very Safe and High Quality with LiFePO4 technology & Smart BMS

Compact Size & Easy Installation



Elegant Design
Rack-mounted for quick installation

High compatibility BMS



Seamless communication with most brands inverters

≥6000Cycles,LongLiFe



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

Expand capacity flexibly



Parallel to expand capacity easily up to 153.6kwh

Wide Applications



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

Technical Data



Battery Module Model	
Main Parameter	
Cell Chemistry	
Module Energy (kWh)	
Module Nominal Voltage (V)	
Module Capacity (Ah)	
ITEM	
Battery Module Qty In Parallel (Optional)	
System Nominal Voltage (V)	
System Capacity (Ah)	
System Energy (kWh)	
Charge/Discharge	Nominal
Current(A)	Peak Discharge

Other Parameter	
Recommend Depth of Discharge	
Dimension (L*D*H,mm)	
Battery Pack N.W.	
Master LED Indicator	
Bluetooth	
Communication Port	
IP Rating of Enclosure	
Operating Temperature	
Storage Temperature	
Relative Humidity	
Altitude	
Cycle Life	
Warranty Period	
Installation	
Certification	

GLR-200					
LiFePO4					
10.24					
51.2					
200					
GLR-200-E10	GLR-200-E20	GLR-200-E30	GLR-200-E40	GLR-200-E50	GLR-200-E60
1	2	3	4	5	6
51.2					
200	400	600	800	1000	1200
10.24	20.48	30.72	40.96	51.20	61.44
100A	200A	300A	400A	500A	600A
100A	200A	300A	4000A	500A	600A

90% DoD					
478*675.8*278	478*675.8*556	478*675.8*834	478*675.8*1112	388*756*1390	478*675.8*1668
95kg	190kg	285kg	380kg	475kg	570kg
6LED (SOC : 17% ~ 100%) , 3LED (ON/OFF, RUN, Alarm)					
Include					
CAN/RS232/RS485					
IP20					
Charge : 0°C~55°C, Discharge : -20°C ~ 60°C					
-10 ~ 40°C					
95%					
≤2000 m					
≥6000 90%DOD					
10Years					
Rack Mounted					
CE/UN38.3/MSDS					

Technical Data



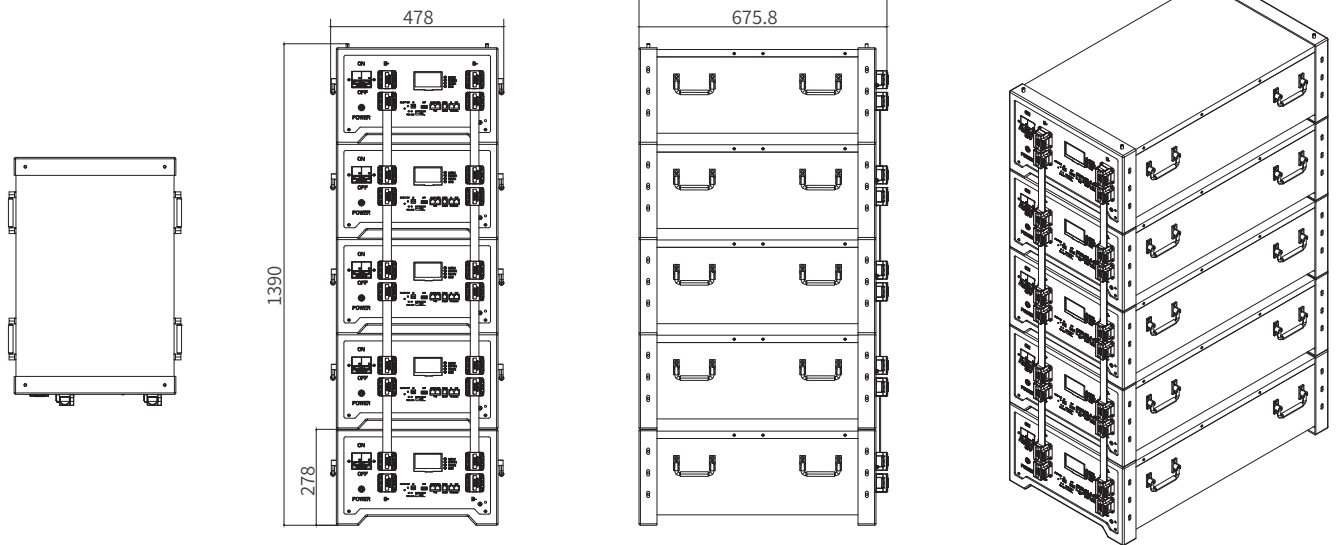
Battery Module Model	
Main Parameter	
Cell Chemistry	
Module Energy (kWh)	
Module Nominal Voltage (V)	
Module Capacity (Ah)	
ITEM	
Battery Module Qty In Series (Optional)	
System Nominal Voltage (V)	
System Capacity (Ah)	
System Energy (kWh)	
Charge/Discharge	Nominal
Current(A)	Peak Discharge

GLR-200					
LiFePO4					
10.24					
51.2					
200					
GLR-200-E70	GLR-200-E80	GLR-200-E90	GLR-200-E100	GLR-200-E110	GLR-200-E120
7	8	9	10	11	12
51.2					
1400	1600	1800	2000	2200	2400
71.68	81.92	92.16	102.40	112.64	122.88
700A	800A	900A	1000A	1100A	1200A
700A	800A	900A	1000A	1100A	1200A

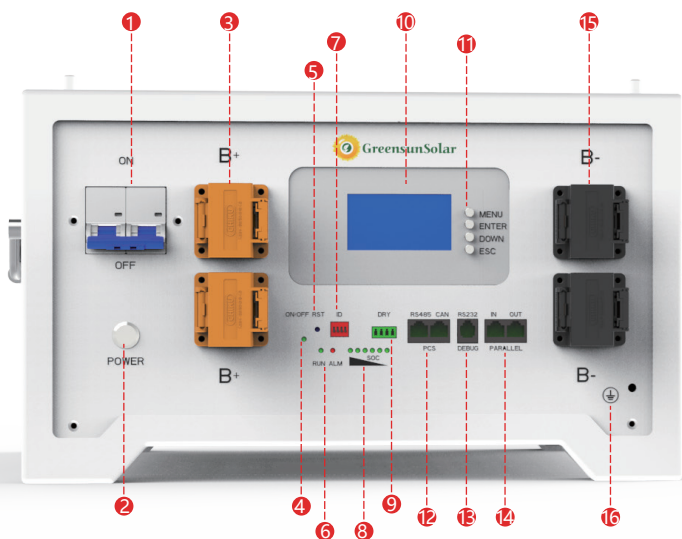
Other Parameter	
Recommend Depth of Discharge	
Dimension (L*D*H,mm)	
Battery Pack N.W.	
Master LED Indicator	
Bluetooth	
Communication Port	
IP Rating of Enclosure	
Operating Temperature	
Storage Temperature	
Relative Humidity	
Altitude	
Cycle Life	
Warranty Period	
Installation	
Certification	

90% DoD					
956*675.8*1112	956*675.8*1112	956*675.8*1390	956*675.8*1390	956*675.8*1668	956*675.8*1668
665kg	760kg	855kg	950kg	1045kg	1140kg
6LED (SOC : 17% ~ 100%) , 3LED (ON/OFF, RUN, Alarm)					
Include					
CAN/RS232/RS485					
IP20					
Charge : 0°C~55°C, Discharge : -20°C ~ 60°C					
-10 ~ 40°C					
95%					
≤2000 m					
≥6000 90%DOD					
10Years					
Rack Mounted					
CE/UN38.3/MSDS					

Battery Size



Battery Overview



1	Breaker	2	Power Switch
3	Positive Connector	4	ON/OFF
5	Reset Button	6	RUN/ALM
7	DIP	8	SOC LED
9	DRY CONTACT	10	Display Screen
11	Screen Button	12	CAN/RS485 Port
13	RS232 Port	14	IN/OUT Port For Paralle
15	Negative Connector	16	Grounding

Battery Pack Default Accessories

	DC Power Cable: Pair of 35mm ² DC power cable(end is M10 copper terminal). The default length is 1500mm
	Ground Gable: 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

