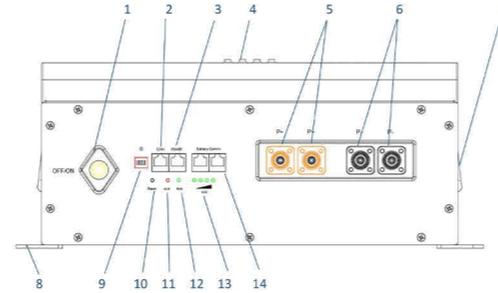


Wall-mounted battery system



No.	Item	Description	Remarks
1	ON/OFF Switch	ON/OFF battery	
2	CAN	Communication port with inverter	
3	RS485	Communication port with inverter	
4	LCD	LCD Screen display battery detail data	4 buttons
5	Battery +	Plug-in Terminal	Positive
6	Battery -	Plug-in Terminal	Negative
7	Handle	Handle for carrier	
8	Wall mounting ear	For battery pack mounting on the wall	
9	ID	Battery address	Definition in manual
10	Reset	Emergency Reset	
11	ALM	Alarm LED display	
12	RUN	Run LED display	
13	SOC	Capacity remaining display	
14	Battery comm	Internal communication between packs	Parallel application

- High performance LFP battery cells of major brands are selected, with cycle life of 5000 and service life of more than 10 years. The comprehensive operation cost is low.
- With Perfect BMS protection function and all-round control system, the battery can run safely and efficiently.
- Professional design and compact structure minimize the size, and the product is in harmony with the home environment.
- CAN, RS485 and RS232 communication protocols are supported, and inverters of various brands can be matched.



Product model	GS48100	GS51100	GS48200	GS51200
Battery cell parameters				
Battery cell type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Rated voltage	3.2V	3.2V	3.2V	3.2V
Rated capacity	15S1P	16S1P	15S1P	16S1P
Voltage range	2.8V-3.65V	2.8V-3.65V	2.8V-3.65V	2.8V-3.65V
Certification	UN38.3/UL/IEC62619/MSDS			
Pack parameters				
Rated voltage	48V	51.2V	48V	51.2V
Serial/Parallel	15S1P	16S1P	15S1P	16S1P
Working voltage range	37.5V-58.4V	40V-58.4V	37.5V-58.4V	40V-58.4V
Charge voltage	51V-51.75V	54.4V-55.2V	51V-51.75V	54.4V-55.2V
Floating charge voltage	50.25V-51V	53.6V-54.4V	50.25V-51V	53.6V-54.4V
Rated capacity	100Ah	100Ah	200Ah	200Ah
Energy	4.8KWH	5.12KWH	9.6KWH	10.24KWH
Rated charge current	100A	100A	100A	100A
Peak charge current	100A	100A	100A	100A
Rated discharge current	100A	100A	100A	100A
Peak discharge current	150A	150A	150A	150A
Product dimension(W*D*H)	450*145.5*620MM	450*145.5*620MM	450*235*650MM	450*235*650MM
Product weight	40KG	45KG	80KG	89KG
Other parameters				
Charge temperature	0-55 C			
Discharge temperature	-10-55 C			
Optimum temperature	15-25 C			
Cooling method	Natural cooling			
IP rating	IP20			
Relative humidity	5%-95%			
Altitude	≤2000M			
Cycle life	≥ 5000 Cycles@80%DOD,0.5C/0.5C,25°C			
Communication interfaces	CAN/RS485/RS232			
Protection	Over temperature, over current, over voltage, insulation and other multiple protection ,etc.			
Design lifetime	≥ 10 years			
Parallel Capability	Maximum 15 units (Recommended ≤ 5 units)			