

48V LiFePO4 Battery Energy Storage System

Product information :

1. The [LiFePO4 Battery Pack](#) wallmount battery [Solar Battery Systems](#) has passed CE, UN,MSDS,IEC,UL and other certifications.
2. The regular model for Powerwall are 2.4Kwh,5kwh, 7kwh and 10kwh. Other model can be got for choices.
3. The [48V 200Ah Powerwall](#) powerwall batteries support Maximum Continuous discharge Current 100A, with LCD which shows the battery voltage, SOC status.
4. With RS232/RS485/CAN and can communication on PC
5. Suitable with lots of off-grid and hybrid inverters and match well.
6. Compatible with different brand inverter communication with APP monitoring function.
7. Support in parallel for more than 10pcs for more energy storage,we suggest to be in parallel 4-6 sets for best performances
8. More than 6000 cycles @80% depth of discharge. [High Efficiency Battery](#)
10. Off-grid inverter and hybrid inverter are available based on your actual requirement .



Advantage :

1. Unique design, highly performance
2. Ten years design life time
3. Any spectrum can be OEM/ODM, at any stage of growth.
4. Top quality material, Easy installation and maintenance.
- 5, Y15+ Professional engineer team support.

Powerwall battery Parameters:

Part No.:	U-P48200-9
Power(w):	4.8kwh
Norminal Capacity:	200Ah
Charge voltage :	53.5~55.5v
Max charge and discharge current:	100A
Product size:(mm)	L650*W485*H230mm
Communication port :	CAN/RS485/RS232/Dry contact
Working temperature :	-20 ~ 60°C
Charge mode :	CC-CV

About shipment and payment :

How to order: Provide your qty ,we will check the shipping fee and give you payment information.

Which payment: T/T, L/C, Paypal, 30% deposits, 70% balance to be paid before shipment

Lead time: 10-15days for samples after deposit receive , mass production depend on actual qty

Shipment Method:

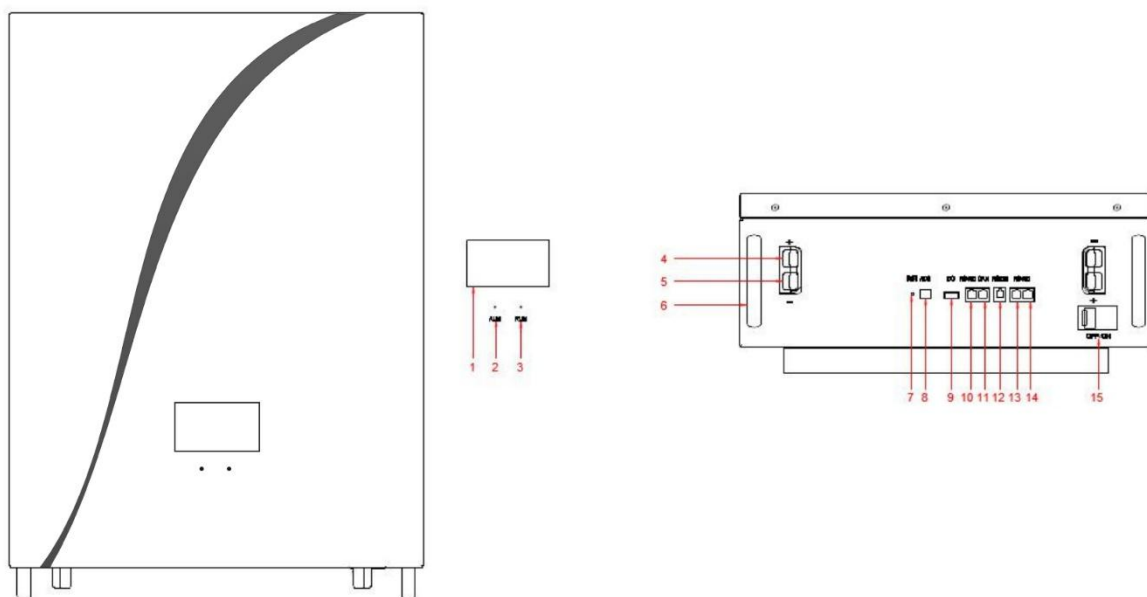
1. UPS/DHL/FEDEX/TNT /EMS for samples.
2. By Air or by Sea for batch goods, for FCL and LCL.
3. Customers specifying freight forwarders or negotiable shipping methods!

Powerwall battery Product Details:

BMS Functions:

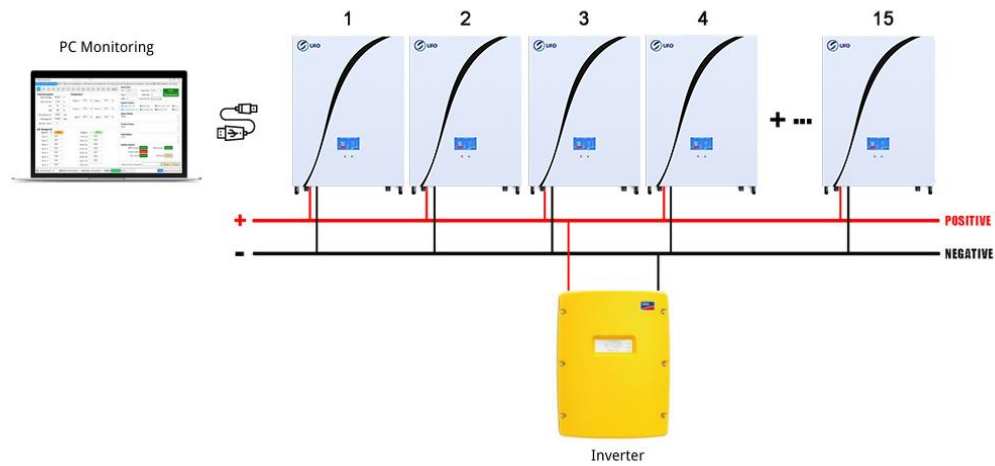
- | | |
|---|-------------------------------------|
| --Overcharge detection function | --Over discharge detection function |
| --Over current detection function | --Short detection function |
| --Temperature detection function | --Balance function |
| --Communicate function RS485,RS232,CANBUS | --Alarm function |

Touch LCD Screen :

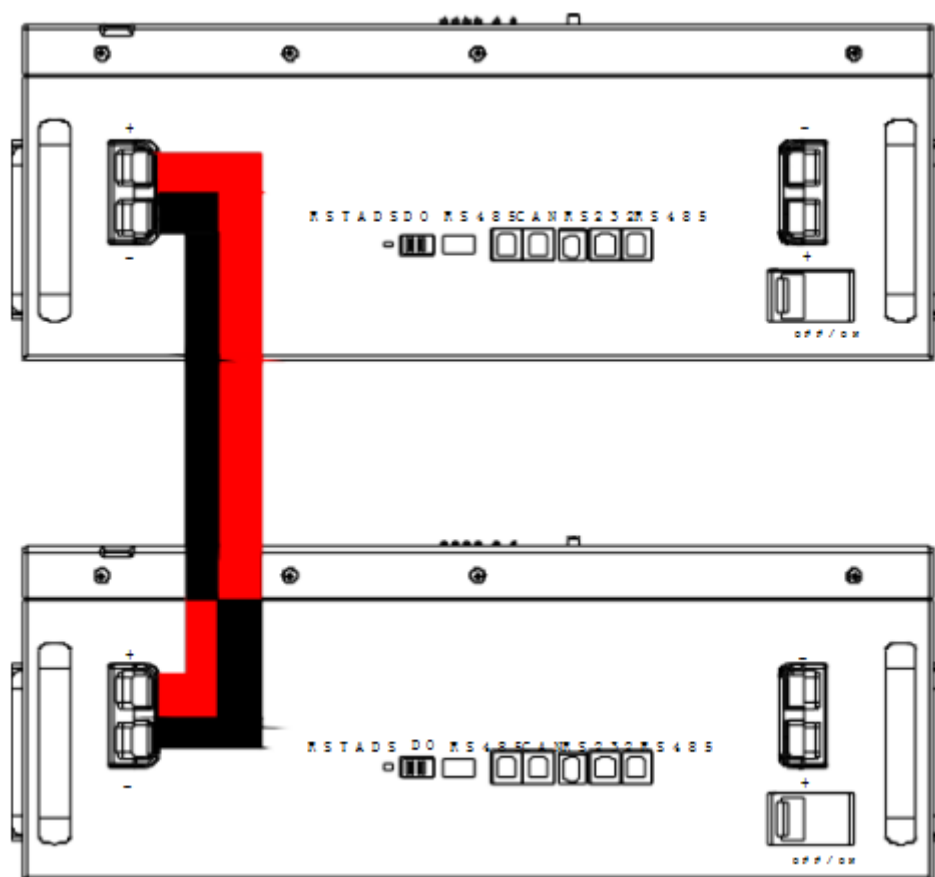


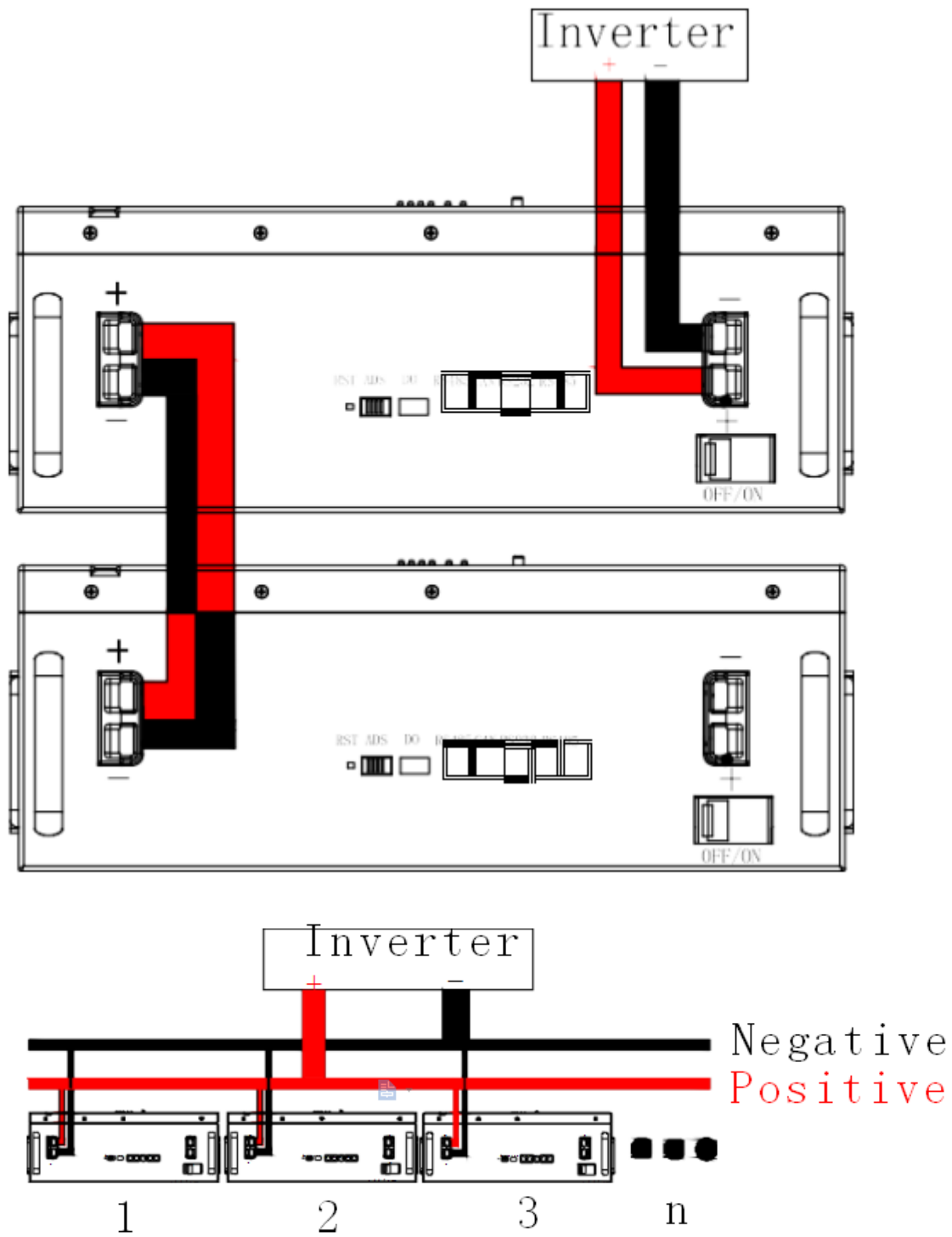
NO.	说明 Description	功能说明 Function description
1	彩色触摸屏 HIM	显示电池状态信息 Display battery status information
2	ALM	报警跟保护 Alarm and protection
3	RUN	工作 work
4	电池正极 Battery+	正极端子 Positive terminal
5	电池负极 Battery-	负极端子 Negative terminal
6	把手 Handle	把手 handing
7	复位键 Reset key	开关按钮 On/OFF button
8	拨码器 ADS Dialer	显示连接地址 Display connection address
9	干接点 Dry contact	1/2常开、故障保护期间关闭3/4常开、蓄电池电量过低报警信号关闭 1/2 Normally open, closed during fault protection 3/4 Normally open, closed when a low battery alarm signal has occurred
10	RS485	RS485通讯接口 RS485 communication interface
11	CAN	CAN通讯接口 CAN communication interface
12	RS232	RS232通信接口（用于电池状态监测） RS232 communication interface (for battery condition monitoring)
13	RS485	RS 485通信接口（用于通信并联，电池状态监控或制造商调试或服务） RS485 communication interface (Used in communication parallel, and for battery condition monitoring or manufacturer to debug or service)
14	RS485	RS 485通信接口（用于通信并联，电池状态监控或制造商调试或服务） RS485 communication interface (Used in communication parallel, and for battery condition monitoring or manufacturer to debug or service)
15	空气开关 MCB	输出开关 Output ON/OFF

UFO Lithium Ion Batteries could support 15pcs in parallel.

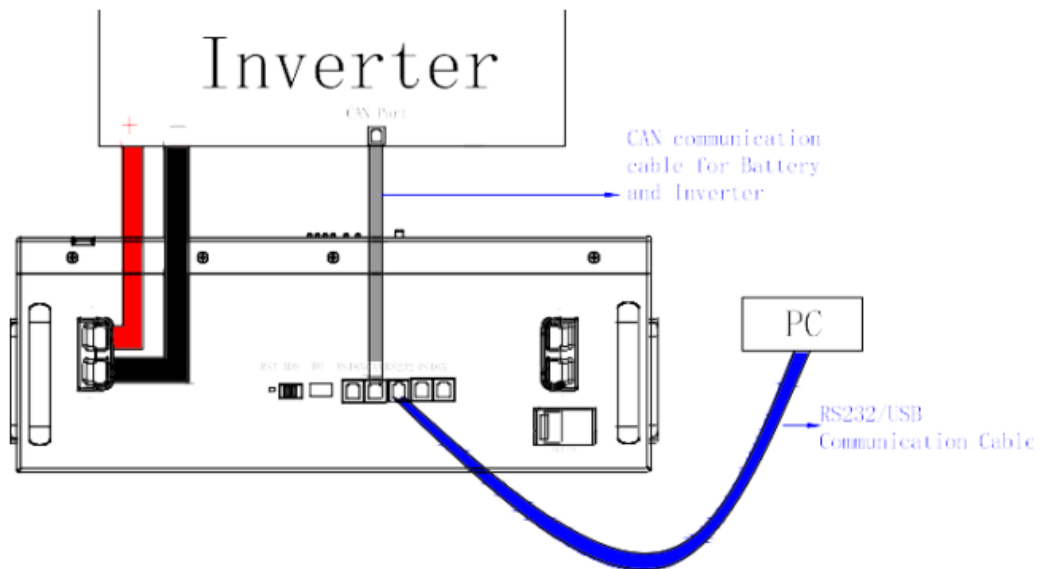
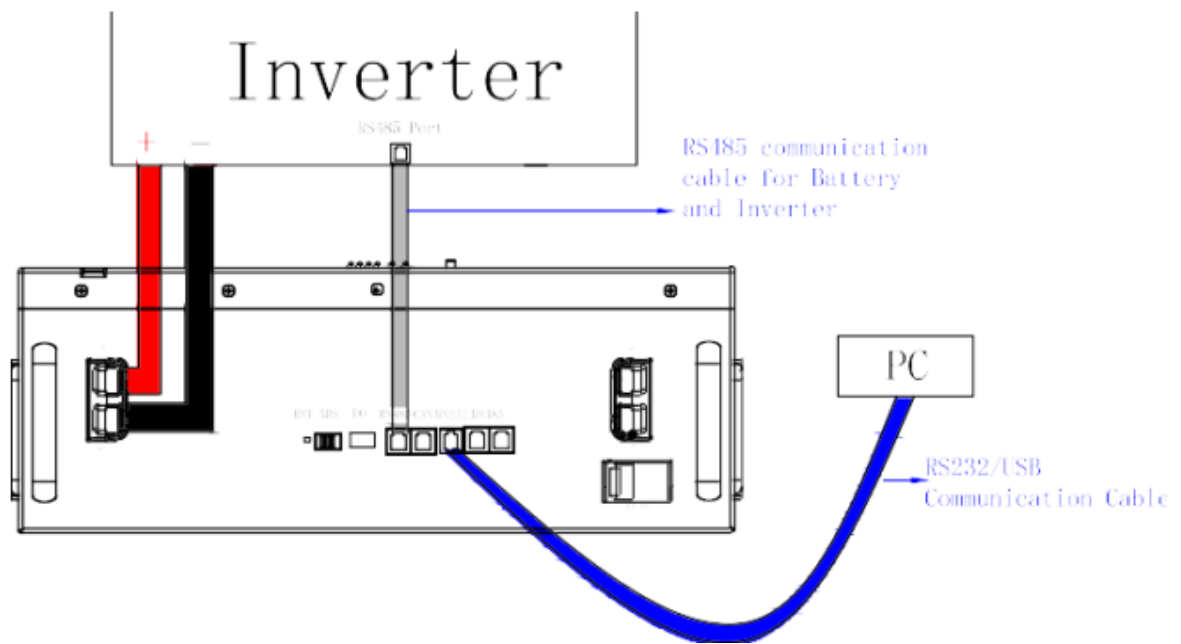


Installation of Lithium Battery in parallel :





Connection mode of parallel communication :



Packaging

Packing



Accessories



Battery X 1



Battery Bracket x 1



DC Cable with Anderson Connector



RS232 PC Communication Cable



Battery to Inverter
Communication Cable



Screws



RS485 Upgrade Cable



User Manual

On-Site Installation Photos Of Our Customers

