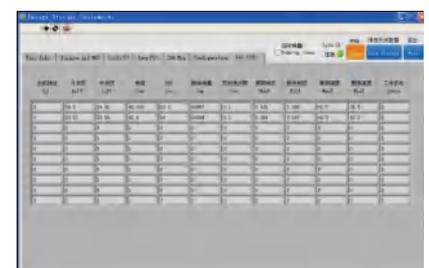
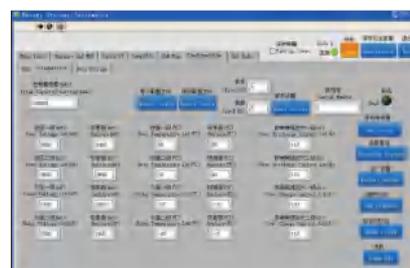
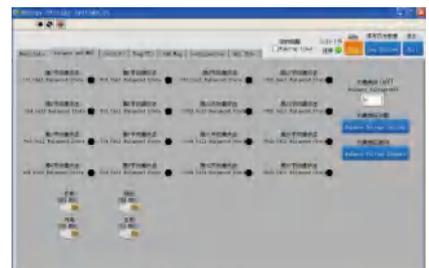


2.56 KWH Mini LiFePO4 Battery Pack (LFP)

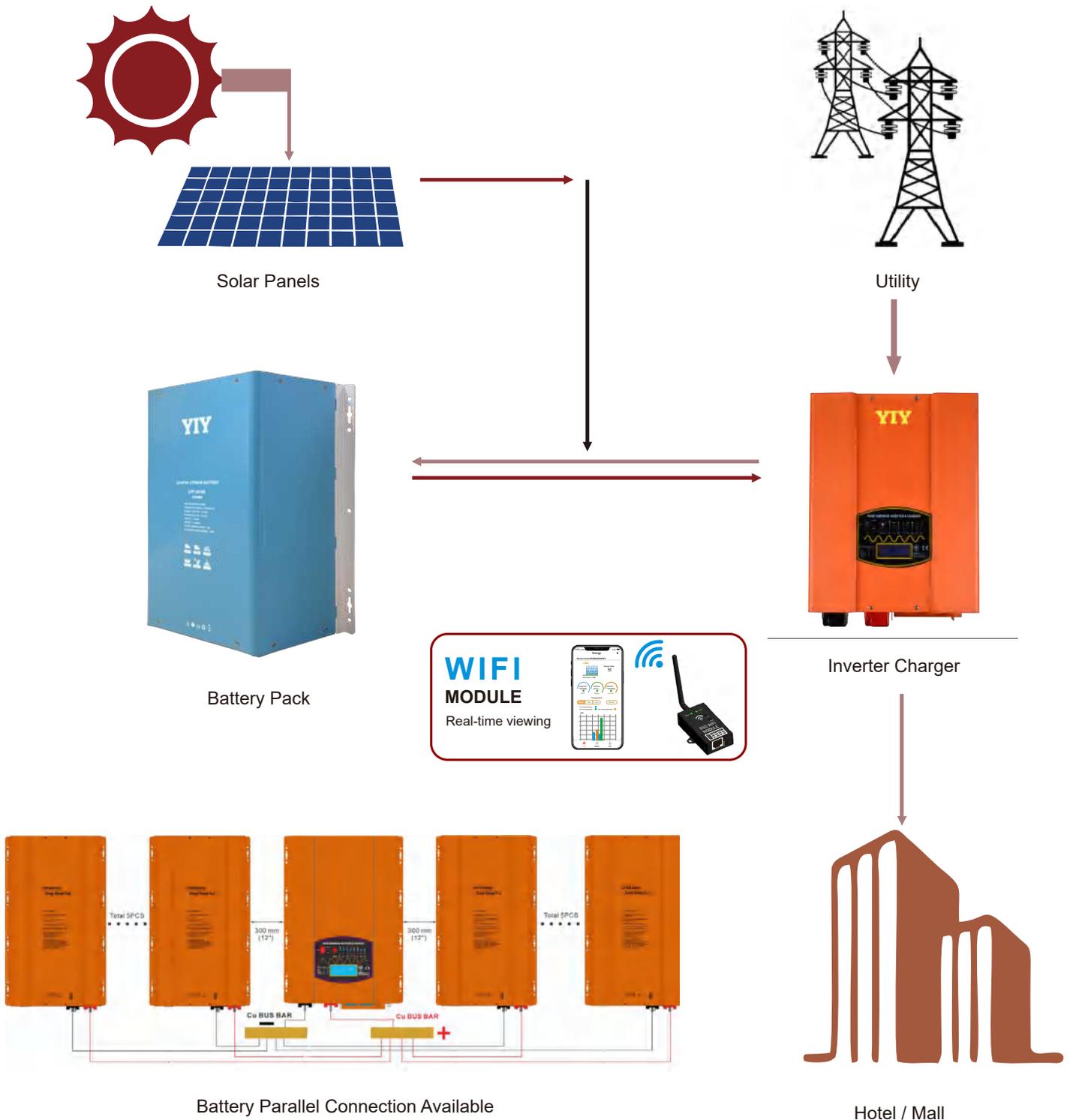
LFP12200M / LFP24100M

- ◆ 8PCS 100AH LiFePO4 Battery inside
- ◆ 12.8/25.6Vdc 2.56KWH rated capacity
- ◆ Long cycle life 3500 times at least on 80%DOD
- ◆ Customized charger make system life maximization
- ◆ High reliability intelligent BMS
- ◆ Unique automatic calibration active banlancing technology BMS system
- ◆ 12.8/25.6Vdc voltage output suitable for home energy storage system, communication STATIONS AND OTHER APPLICATION
- ◆ Standard CAN &RS485 communication port, can meet the requirement of several packages to connect in parallel, Master & Slave relationship, Monitor and Other prolongation functions.
- ◆ Ip31 Protection, indoor use only.
- ◆ Enviroment: 0-30 C ,65% Humidity



Product Application

Energy storage in power system including solar panels, inverter (for AC and DC conversion), and provide backup power for the main electrical backup lines. Household electricity demand different choice of different components.



Battery Parallel Connection Available

Hotel / Mall

BASIC Specification

Battery		Description		
Normal specification				
	Model	LFP12200M	LFP24100M	
1	Rated Voltage	12.8V	25.6V	
2	Rated Capacity	200Ah	100Ah	
3	Rated Energy	2.56KWH		
4	Cell Configuration	4S2P	8S1P	
5	Battery Cell	3.2V100AH 8PCS		
Standard Charge				
1	Operation temperature range ©charging	0~45°C	0~45°C	
2	Rated charge voltage	13.8±0.1V	27.6±0.2V	
3	Max charge voltage	14.2±0.1V	28.4±0.2V	
4	Overcharge protection	14.6±0.1V	29.2±0.2V	
5	Allowed MAX charge current	110A withstand 30s	55A withstand 30s	
6	Peak charge current	120A withstand 5s	60A withstand 5s	
7	Rated charge current	100A	50A	
8	Recommend charge current	<100A	<50A	
Standard discharge				
1	Operation temperature range ©discharging	-20~60°C	-20-60°C	
2	Output Voltage Range	10-14Vdc	20~28Vdc	
3	Recommend Working Range	11.5~13.5Vdc	23~27Vdc	
4	Discharge Cut-off voltage	10V	20V	
5	Allowed MAX discharge current	220A withstand 30s	110A withstand 30s	
6	Peak discharge current	240A withstand 5s	120A withstand 5s	
7	Rated discharge current	200A	100A	
8	Recommend discharge current	<200A	<100A	
Communication				
1	RS485	For LCD remote		
2	CAN	PC control and monitor		
Storage and Transportation requirements				
1	Storage Temperature	Less than 1 month	-20~35°C	
		Less than 6 month	-10-30°C	
2	Storage Humidity	45~75%RH		
3	SOC	Storage	60~75% SOC	
		Transport	45~55% SOC	
Mechanical Characteristics				
LFP12200M	Dimension H*W*D	Shipping H*W*D	Weight(N.W.)	Weight(G.W.)
LFP24100M	450*260*185mm	500*360*315mm	26KG	29KG