

Solar Lithium Battery Pack, Modular Stacked Series (7.68KWH~30.72KWH Battery, 6000 Cycle, High Voltage)

- 153.6V/7.68KWH LiFePO4 Lithium Battery System
- 204.8V/10.24KWH LiFePO4 Lithium Battery System
- 256V/12.8KWH LiFePO4 Lithium Battery System
- 307.2V/15.36KWH LiFePO4 Lithium Battery System
- 358.4V/17.92KWH LiFePO4 Lithium Battery System
- 409.6V/20.48KWH LiFePO4 Lithium Battery System
- 460.8V/23.04KWH LiFePO4 Lithium Battery System
- 512.0V/25.6KWH LiFePO4 Lithium Battery System
- 563.2V/28.16KWH LiFePO4 Lithium Battery System
- 614.4V/30.72KWH LiFePO4 Lithium Battery System



Main features

- More than 15 years of service life design;
- Modular design, high energy density;
- Support multiple modules configuration in series, up to 12 modules can be connected in series;
- Support for maximum continuous both charge and discharge at 1C;
- Install against the wall, with side-face cable output, convenient for maintenance;
- Multiple communication interfaces: RS485, RS232, CAN;
- Highly compatible BMS, built-in protocol compatible with many well-known brand energy storage inverters;
- Safety certification applied: TUV, CE, UN38.3, etc.

Technical Parameter

SPECIFICATION	High Voltage Lithium Battery									
Model	7.68KWH	10.24KWh	12.8KWh	15.36KWh	17.92KWh	20.48KWh	23.04KWh	25.6KWh	28.16Wh	30.72KWh
Technology Datas										
Battery Module Number in Series	3	4	5	6	7	8	9	10	11	12
Rating Energy(kwh)	7.68KWh	10.24KWh	12.8KWh	15.36KWh	17.92KWh	20.48KWh	23.04KWh	25.6KWh	28.16Wh	30.72KWh
Rating Voltage(V)	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V	460.8V	521.0V	563.2V	614.4V
Usable Energy(kwh)	6.9KWh	9.2KWh	11.52KWh	13.8KWh	16.13KWh	18.4KWh	20.7KWh	23KWh	25.3KWh	27.6KWh
Rating Capacity	50Ah									
Voltage Range(V)	(44.8~57.6) xN (N=Battery module number in series)									
Max. Charge Current(A)	25A (recommended) /50A (Max.)									
Max. Discharge Current(A)	25A (recommended) /50A (Max.)									
LifeCycle Times	80% DOD, > 6000 Times, SOC>70%									
Communication Protocol	RS485/RS232/CAN 2.0.									
Protection Function	Over-voltage, under-voltage, Over-temperature, Low-temperature, Short-circuit									
Working Conditions										
Installation Position	indoor									
Working Temperature Range	-10°C~50°C									
The Best Working Temperature Range	20°C~30°C									
Storage Temperature Range	-30°C~60°C									
Protection	IP20									
Working Humidity	5%-95% (non-condensing)									
Altitude Required	≤2000m									
Cooling	Natural cooling									
Size [W x D xH, mm]	700*300*(420+ 130*(N-2))N=Battery module number in series									
Weight [kg]	52kg+28kg*(N-2; 2<N<12)									
Certification	TUV、CE、UN38.3									