

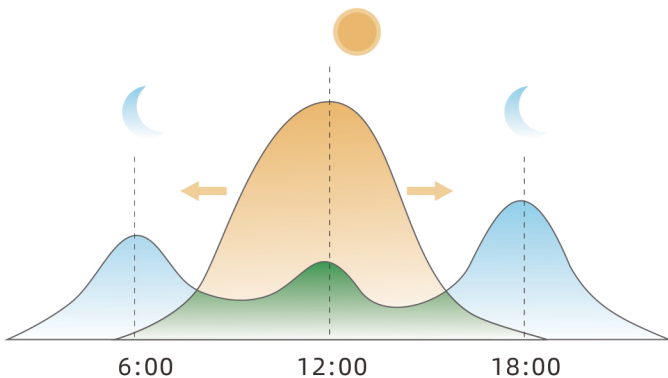





UApower

4.8kWh / 7.2kWh / 9.6kWh

Application Scenarios

LiFePO4 Power Wall battery is tailored for solar storage system and is a new generation of green energy with advantages of high energy density, ultra-long cycle life, well temperature property, excellent safety property, high reliability, suitable for large - scale station and residential energy storage system



 Consumption of stored energy
  Solar energy production
 Consumption of solar energy

Key characteristic

- Available kwh: 4.8kwh, 7.2kwh, 9.6kwh, expandable capability, support parallel
- Suitable for both off-grid and hybrid inverters, and protocol match well
- HMI Touch LCD Display: show the battery voltage, SOC/SOH status, and working status of each cell
- LCD touch screen: choose different main inverter brands easily
- Easy installation
- Remotely monitored by Bluetooth/Wifi/GSM system and managed by APP to check the battery working status
- Cycles: More than 6000 cycle life with 80% DOD
- Design Life >10 years @25°C
- Certificates: CE, UL1973, TUV, IEC62619, ROHS, UN38.3, MSDS

LifePO4 BATTERY SPECIFICATIONS

BASIC SPECIFICATION

Nominal Energy (kWh)	4.8	7.2	9.6
Nominal Voltage [V]	48	48	48
Nominal Capacity [Ah]	100	150	200
Length [mm]	410	485	485
Height [mm]	550	650	650
Width [mm]	160	200	250
Net Weight [Kg]	49	77	95
IP Level	22	22	22

ELECTRICAL SPECIFICATION

Output Power [kW]	4.8		
Voltage Window [V]	42~54.7		
Charge Voltage [V]	51.7~54.7		
Max. Charge / Discharge Current [A]	100		
Recommend Charge Current [A]	0.2C 20	0.2C 30	0.2C 40
Charge Mode	CC-CV		
Scalability	15 PCS Up to 72Kwh/108Kwh/144Kwh		

OTHERS

Communication	CAN/ RS485/ RS232/ Dry Contact		
Charge Temperature	0 - 55 °C		
Discharge Temperature	-20 - 60 °C		
Temperature & Period Storage	12 Months @-10~35°C 3 Months @-10~45°C 7 day @-20~65°C		
Designed Life	10+Years		
Cycle Life	More than 6000 Cycles @25°C 0.2C 80%DOD		
Certification Standard	CE, UL1973, TUV, IEC62619, ROHS, UN38.3, MSDS		

Home Battery Storage System

