



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

Characteristics



LiFePO4 Lithium Technology

- High energy density
- High operation reliability
- Long Life Span
- Maintenance Free
- Easy installation
- Parallel connection is available
- Intelligent Management - Built-in Smart BMS
- All-around communication functions
- LCD Display
- Comply with IEC62619, TUV, ROHS, UN38.3 Standard
- Life >10 years @25°C

Smart BMS Protection



- Cell voltage monitoring
- Charge/discharge current monitoring
- Hardware & Software double protection
- Discharge control
- Charge control
- Balance
- Temperature Monitoring
- Work Status Indication LCD & LED lamp
- PACK Voltage Monitoring
- Failure alarm
- Dry contact

UFO LiFePO4 POWER WALL BATTERY SPECIFICATIONS

BASIC SPECIFICATION

	2.4Kwh	4.8Kwh	7.2Kwh	9.6Kwh
Nominal Voltage [V]	48	48	48	48
Nominal Capacity[Ah]	50	100	150	200
Width [mm]	370	485		
Height [mm]	450	650		
Depth [mm]	200	200	200	250
Net Weight [Kg]	31	55	77	92
IP Level	22	22	22	22

ELECTRICAL SPECIFICATION

Output Power [W]	2.4Kwh	4.8Kwh		
Voltage Window [V]	37.5 ~ 55.5			
Charge Voltage [V]	53.5 ~ 55.5			
Max. Charge / Discharge Current [A]	50A	100A		
Recommend Charge Current [A]	0.2C 10A	0.2C 20A	0.2C 30A	0.2C 40A
Charge Mode	CC-CV			
Scalability	15 PCS Up to 36Kwh/72Kwh/108Kwh/144KWh			

OTHERS

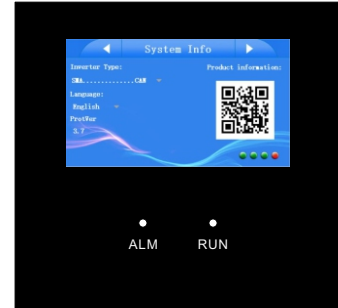
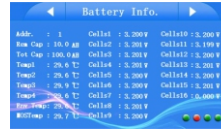
Communication	CAN/ RS485/ RS232/ Dry Contact			
Charge Temperature	0 ~ 50 °C			
Discharge Temperature	-20 ~ 50 °C			
Temperature & Period Storage	6 Months @+25°C 3 Months @+35°C 1 Months @+45°C			
Designed Life	10+ Years			
Cycle Life	6000 Cycles @25°C			
Certification Standard	IEC62619/TUV/UN38.3/ROHS			



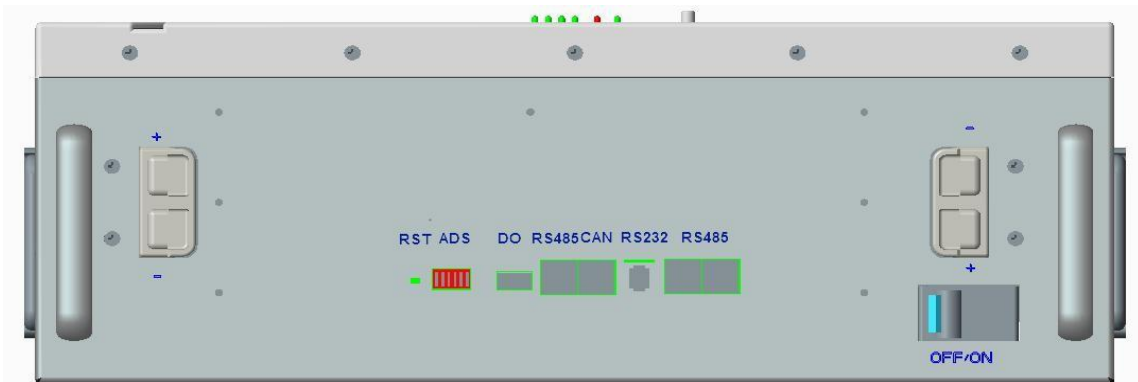


Touch LCD Display

- Battery Capacity
- Battery Voltage
- Battery SOC
- Charge & Discharge Current
- Battery Status
- Protection status
- Cycle account
- Cells Voltage
- Cells temperature
- BMS Temperature
- Environment Temperature



Battery Panel



PC Software monitoring

