



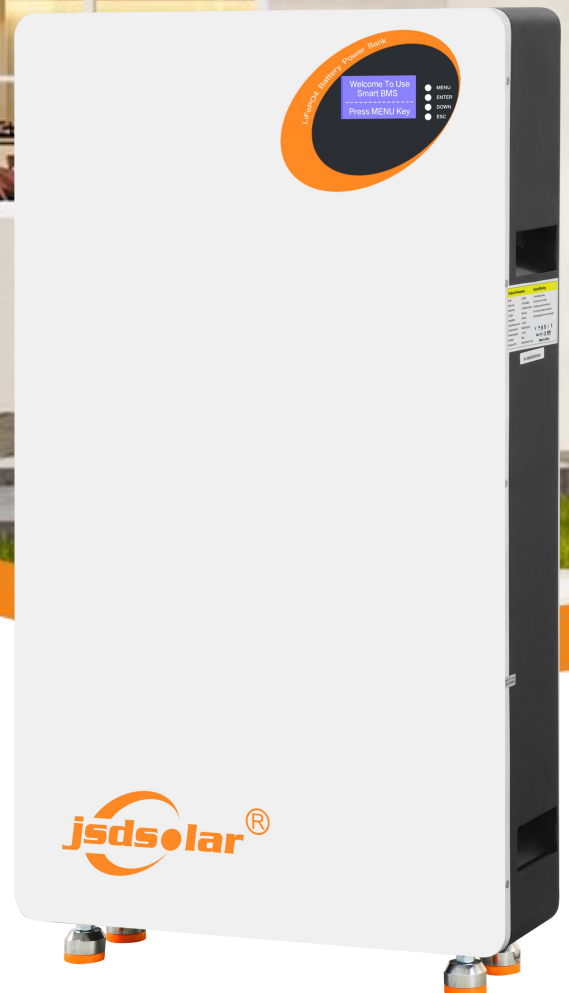
# Power Wall 10KWh

## ➤ Safety and Reliable

High energy density 3.2V 100Ah cell  
Popular LiFePO4 battery capacity:10KWH  
Long life cycle time >6000 cycles  
Charge and discharge more balance via smart BMS

## ➤ Flexibility and Compatible

Store energy from the grid or solar  
Total energy extends to 150KWH by parallel battery packs  
Installation: Power / Wall mounted  
Monitor and Optimize by Smartphone App / computer (optional)



# Product Details

## ➤ Key Features

- Advanced BMS protection functionality
- Overcharge/over-discharge protection
- Short circuit protection
- One-key switch, safe and efficient.
- Support customization
- Match all inverter brands
- CE, ROHS, UN38.3,MSDS,ISO



# Technical Data

| Performance                      |                                    |
|----------------------------------|------------------------------------|
| Nominal Voltage                  | 51.2Vdc                            |
| Nominal Capacity                 | 200Ah                              |
| Battery Energy                   | 10240Wh                            |
| Charge Voltage                   | 56Vdc                              |
| Discharge Voltage                | 44Vdc                              |
| Nominal Charge/Discharge Current | 100A                               |
| Nominal Charge/Discharge Power   | 5120W                              |
| Max Charge/Discharge Current     | 200A                               |
| Max Charge/Discharge Power       | 10240W                             |
| Short Circuit Current            | 540A/3ms                           |
| Communication                    |                                    |
| Display                          | SOC status indicator,LED indicator |
| Communication                    | RS232/RS485/CAN                    |
| General Specification            |                                    |
| Dimension(WxDxH)                 | 820X494X145mm                      |
| Weight                           | 89kg                               |
| Installation                     | Floor stand or Wall mounted        |
| Charging Temperature Range       | 0°C~55°C                           |
| Discharge Temperature Range      | -20°C~60°C                         |
| Operating /Storage/humidity      | ≤95%RH                             |
| Max Operating Altitude           | ≤2000m                             |
| IP Rating                        | IP21                               |
| Cell Technology                  | LiFePO4, Lithium Ion Phosphate     |
| Cycle life                       | 6000 Cycles @ 80% DOD/25°C/0.5C    |
| Scalability                      | Max 15 batteries in parallel       |

1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C.
2. Charge/discharge berating occurs when the operating temperature from -10'c to 5'c. & 45'c to 55'c