

## Free standing / Wall-mounted Battery Energy Storage System

Introduce the LIFEP04 PowerWall battery for residential energy storage a fashionable home energy storage solution. The battery is equipped with Superior quality smart BMS to monitor the battery and multiple protection. The UNIV-PowerWall series lithium battery allows parallel connection to enhance capacity, and can easily monitor its working conditions by uplink and optional bluetooth. The extraordinary compatibility of it with the extensive inverter brand ensures seamless integration into your energy system. Select the UNIV-PowerWall series battery to ensure a reliable and continuous power supply ultimate energy demand selection.

### Features And Advantages



Simple and Elegant Appearance



Versatile Modules  
16kWh ~ 320kWh



10 Years Warranty



Superior BMS with Brand Battery Cell



Residential Energy Storage



Large Scalability

## Lithium Battery

### Free-Standing Series



#### Specification

| MODEL                        |           | UNIV-16kWh                                                                                                                         |
|------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|
| BATTERY PARAMETERS           |           |                                                                                                                                    |
| Total Energy (kWh)           |           | 16.08                                                                                                                              |
| Useable Energy (kWh)         |           | 15.11                                                                                                                              |
| Nominal Voltage (Vd.c)       |           | 51.2                                                                                                                               |
| Voltage Range (Vd.c)         |           | 44.8 ~ 57.6                                                                                                                        |
| Rated Capacity (Ah)          |           | 314                                                                                                                                |
| Recommend Current (A)        | Charge    | 157                                                                                                                                |
|                              | Discharge | 157                                                                                                                                |
| Max. Current (A)             | Charge    | 200                                                                                                                                |
|                              | Discharge | 200                                                                                                                                |
| Recommend Using DOD          |           | 90%                                                                                                                                |
| Scalability                  |           | Max 20 in Parallel                                                                                                                 |
| Dimension (W *H* D)(mm)      |           | 525*720*245                                                                                                                        |
| Weight (KG)                  |           | 117                                                                                                                                |
| BMS Features                 |           | Over-voltage & Over-current Protection/Short-circuit Protection<br>Low-voltage Protection/Over Temperature Protection/Cell Balance |
| Model                        |           | II                                                                                                                                 |
| Standard Features            |           | Touch Screen Screen/Trip Protection/WIFI(Optional)                                                                                 |
| Communication                |           | CAN/RS485                                                                                                                          |
| OPERATING CONDITION          |           |                                                                                                                                    |
| Operation Temperature        | Charge    | 0°C ~ 55°C (32°F ~ 131°F)                                                                                                          |
|                              | Discharge | -20°C ~ 55°C (-4°F ~ 131°F)                                                                                                        |
| Storage Temperature          |           | -20°C ~ 55°C (-4°F ~ 131°F)                                                                                                        |
| IP Rating                    |           | IP20                                                                                                                               |
| Installation Type            |           | Free-Standing                                                                                                                      |
| Cooling Type                 |           | Natural                                                                                                                            |
| Operating Environment        |           | Indoor (5% ~ 95% (RH) No Condensing)                                                                                               |
| Altitude                     |           | ≤2000 m                                                                                                                            |
| CERTIFICATION AND SAFETY     |           |                                                                                                                                    |
| Warranty                     |           | 5+5 Years                                                                                                                          |
| Operation Life               |           | 15+ Years (25°C/77 °F)                                                                                                             |
| Certification                |           | CE/Cell UL 1973/IEC62619                                                                                                           |
| Transportation Certification |           | UN38.3/MSDS                                                                                                                        |

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.