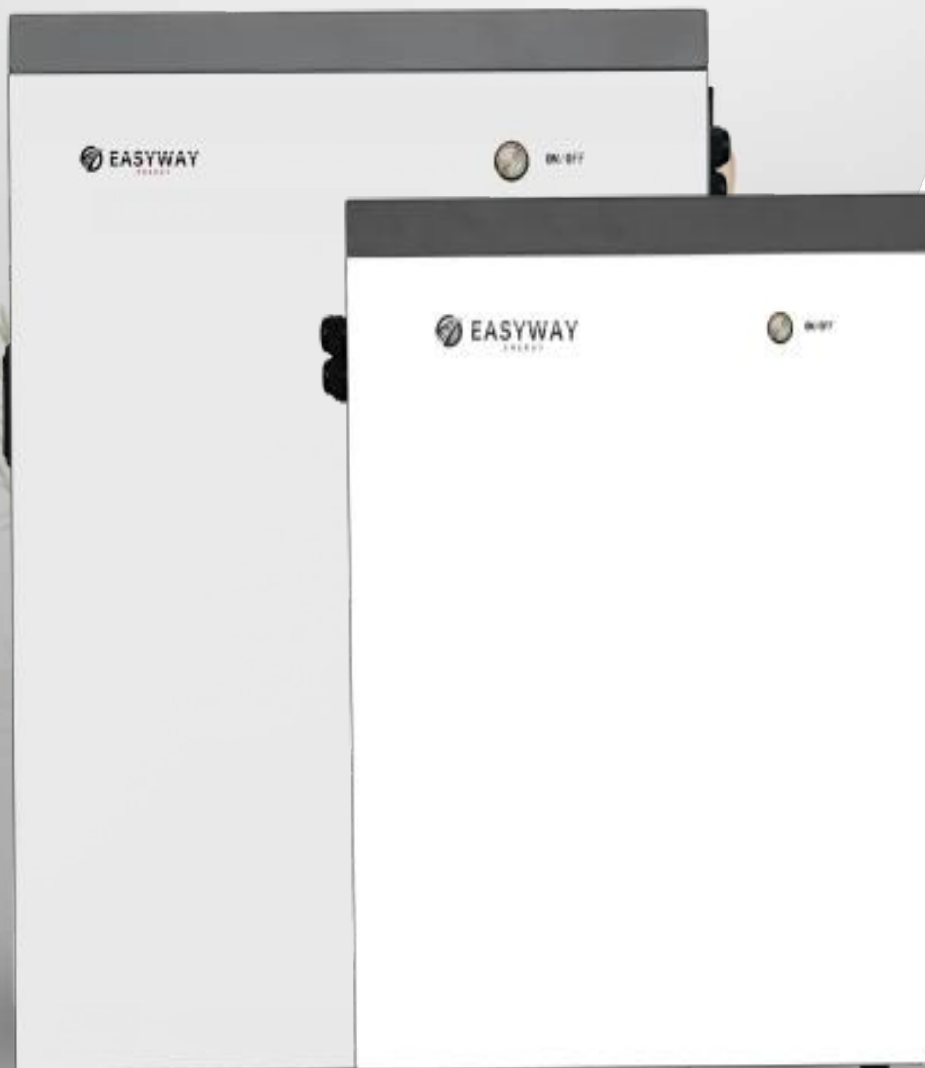


RESIDENTIAL ESS

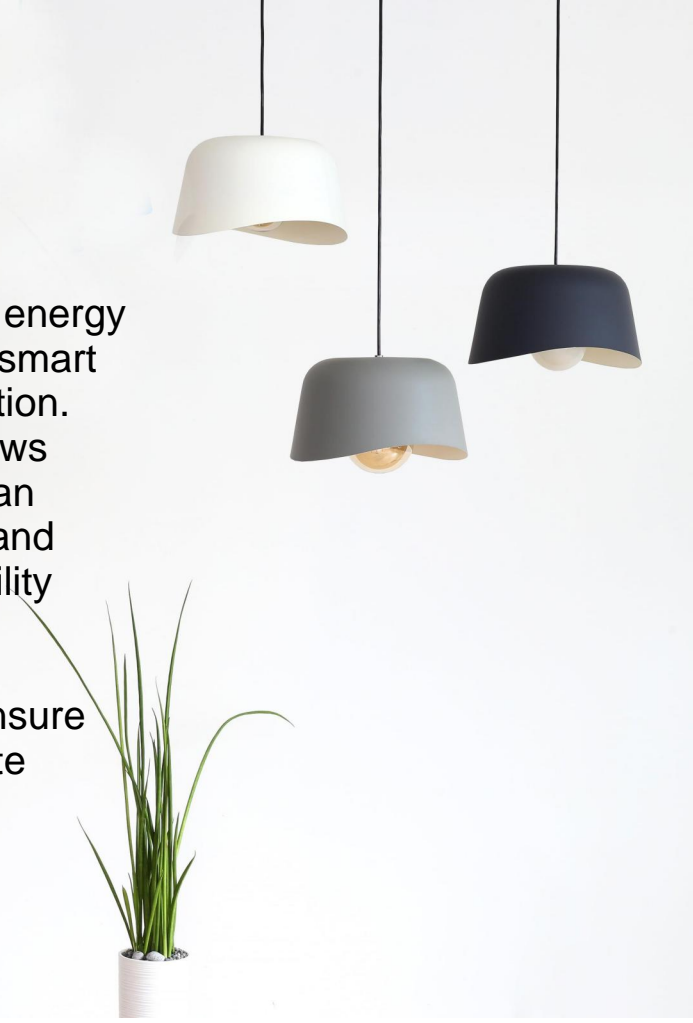
LITHIUM BATTERY

Free standing / Wall-mounted
Energy Storage System



SUMMARY

Introduce the LIFEP04 PowerWall battery for residential energy storage-a fashionable home energy storage solution. The battery is equipped with 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.



SPECIFICATION(LV)

Module

UNIV-5.12kWh/LV(W)

| Basic Parameters | | |
|------------------------------------|---|--------------|
| Total Energy | 5.22kWh | |
| Usable Energy(DC) | 5kWh | |
| Voltage | 48-58.4Vd.c | |
| Nominal Voltage | 51.2Vd.c | |
| Rated Capacity | 102Ah | |
| Weight | 57kg | |
| Nominal Current | 50A | |
| Nominal Charge power | 2.88kW | |
| Nominal Discharge power | 2.88kW | |
| Peak power(only discharging) | 3.9kW for 3sec | |
| Dimension(mm) | 500*600*180mm | |
| Operating Condition | Indoor | |
| Efficiency | >97% | |
| Operating Temperature | Charge | 0°C ~ 50°C |
| | Discharge | -20°C ~ 60°C |
| Color | White | |
| Humidity | < 60%(No condensed water) | |
| Over Voltage Category | II | |
| Cooling Type | Natural cooling | |
| Case Material | Metal | |
| Installation | Wall mounting/Free standing | |
| IP rating | IP54 | |
| Protective Class | I | |
| Max numbers of parallel connection | 16P | |
| Warranty | 10 years | |
| Life Span | > 15 years | |
| Communication | CAN/ RS485 | |
| Protection Mode | Dual hardware protection | |
| Battery Protection | Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature | |
| Safety | Cell UL 1973 | |
| | CE/TUV | |
| Hazardous Material Classification | 9 | |
| Transportation | UN38.3 | |

*: 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.