

# 5kWh Wall-Mounted Battery



Light weight, Small size.



Cycle life max up to 8000 times.



Intelligent battery management system.



In the extreme performance safety test, the battery will not catch fire,explode, leak, and be safer to use.



Compatible with a variety of inverters.



Support a variety of communication protocols, support RS485, RS232, CAN etc.



# 5kWh Wall-Mounted Battery

|               |                           |
|---------------|---------------------------|
| PRODUCT NAME  | 5kWh Wall-Mounted Battery |
| PRODUCT MODEL | LB-WM5K-EU                |

## ● General Specifications

|                     |                                  |
|---------------------|----------------------------------|
| Nominal Voltage     | 51.2V(25°C, 0.2C)                |
| Nominal Capacity    | 100Ah                            |
| Module Weight       | 50kg                             |
| Dimensions(L*D*H)   | 555*224.5*600mm                  |
| Design Life         | >10 years                        |
| Cycle Life          | >6000 times(0.5C@ 25°C, 80% DOD) |
| Installation Method | Wall-Mounted                     |
| IP Grade            | IP21                             |
| Display             | LED+LCD                          |
| Scalability         | Parallelable                     |

## ● Operating Parameters

|                     |                              |
|---------------------|------------------------------|
| Charging Voltage    | 58.4V                        |
| Discharging Voltage | 40V                          |
| Charging Current    | 100A Max,Constant Charge 50A |
| Discharging Current | 100A max                     |

## ● Temperature

|                             |          |
|-----------------------------|----------|
| Humidity                    | 5~95% RH |
| Charge Temperature Range    | 0~55°C   |
| Discharge Temperature Range | -20~65°C |
| Storage Temperature Range   | -20~45°C |

## ● BMS Parameters

|                     |  |
|---------------------|--|
| BMS Function        | Built-in BMS voltage/current/temperature management & cell balance protection  |
| Communication       | RS485, RS232, CAN  |
| Protection Features | Charging overvoltage protection, discharge undervoltage protection, overcurrent protection, overtemperature protection, short circuit protection, etc. |
| Warranty            | 5 years  |
| Certification       | IEC62619,CE,UN38.3   |