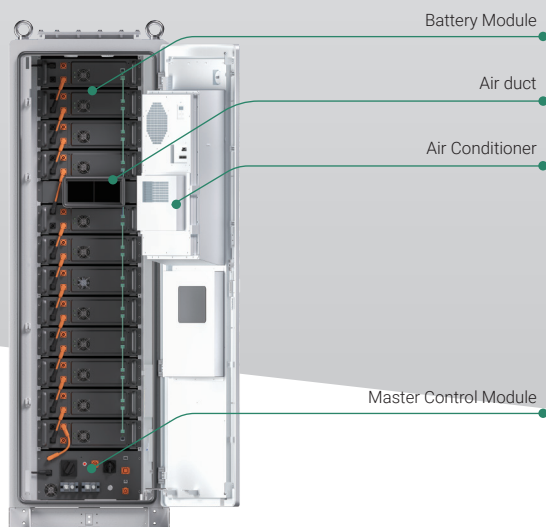


# PowerBase MAX-60A

60kWh Air-Cooling Battery



## Key Features



### Convenient Operation

Integrated and modular design for simplified BESS wiring and maintenance



### Extreme Compatibility

Combined with Three phase hybrid inverter, to achieve both On-Grid and Off-Grid Connections



### Easy Expansion

Supported unlimited parallel to suit for C&I and large Residential power backup



### 60kw High Power

Support 1C rate AC output, Suitable for high rate cyclic charging and discharging scenarios



### Safety

With detection systems for combustible gases, smoke, and temperature variations, along with active exhaust and fire alarm systems for enhanced safety

## IP 55

### Waterproof

IP55, suitable for both indoor and outdoor environments. Meets various installation scenarios

## System Layout



Solar Panel



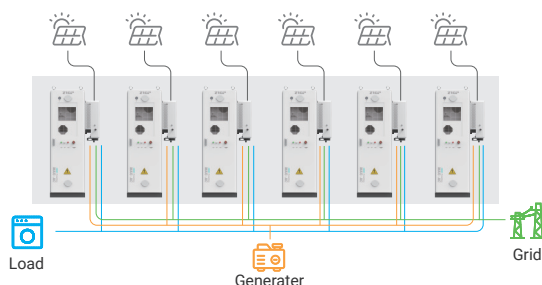
Grid



Generator



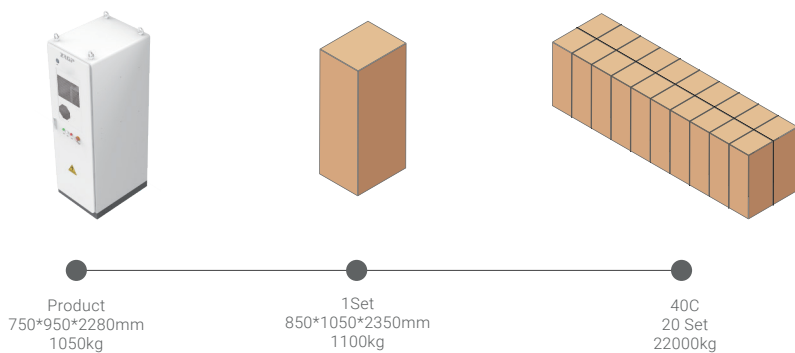
Load



## ■ Main Parameters

| Battery Energy Storage        |  | PBM061LCBA0-US   | PBM061LCBA0-EU   |
|-------------------------------|--|--|--|
| Cell Chemistry                |  | LiFePO4  |  |
| Module Energy (kWh)           |  | 5.12   |  |
| Module Nominal Voltage (V)    |  | 51.2   |  |
| Module Capacity (Ah)          |  | 100  |  |
| Battery Module Combination    |  | 12S1P  |  |
| System Nominal Voltage (V)    |  | 614.4  |  |
| System Operating Voltage (V)  |  | 562.5~681.6  |  |
| System Energy (kWh)           |  | 61.44  |  |
| Charge /Discharge Current (A) |  | 95   |  |
| General Parameters            |  |  |  |
| System Stackable              |  | Up to 6 in parallel  |  |
| Dimension (W*D*H)             |  | 750*950*2280mm / 29.5*37.4*89.7in  |  |
| Weight Approximate            |  | 1050kg / 2314.8lb  |  |
| Working Temperature           |  | -20~55°C   |  |
| Communication Interface       |  | CAN, RS485, Wi-Fi, LTE   |  |
| Humidity                      |  | 5%~85%RH   |  |
| Altitude                      |  | ≤4000m(2000m derating)   |  |
| IP Rating                     |  | IP55   |  |
| Storage Temperature           |  | -20~35°C   |  |
| Recommend Depth of Discharge  |  | 90%  |  |
| Cycle Life                    |  | >8000 cycles   |  |
| Warranty                      |  | 3 years free, paid from the 4th to the 15th year                                       |  |
| Certification                 |  | ANSI/CAN/UL 1973:2022<br>ANSI/CAN/UL 9540:2020<br>UL 9540A, FCC Part 15 Subpart B:2023 | IEC/EN62619:2022, IEC/EN62477-1:2012+A11+A1+A12<br>IEC/EN61000-4-2:2019, IEC/EN61000-4-2:2019<br>EN301908-1 V15.2.1:2013, EN301908-13 V13.2.1:2022<br>EN301489-1:2019 V2.2.3:2019, EN301489-52 V1.2.1:2021 |

## ■ Packaging And Shipping Details



## ■ Size

