



# Smart Low Voltage Energy Storage

(Compatible with Midea Single Phase Hybrid Inverter)

Safe & Reliable by Lithium Iron Phosphate (LFP) Cell



## Friendly Installation

- Quick installation by single person in 10mins (hard connection by EV standard connector without wire)
- Height adjustable with 4 support legs from 0-10cm for uneven ground and flood prevention
- Automatically assign addresses for battery grouping



## Patented Charging & Discharging Technology

- mV level BMS accurate management ensuring 100% consistent charging and discharging during long-term operation
- Individual BMS ensuring each battery work independently



## Flexible Expansion

- Stacks capacity from 5.0kWh to 90.0kWh
- With each stack supporting maximum 30.0kWh to save space

| Model                              | ME-B5L  | ME-B10L          | ME-B15L          | ME-B20L          | ME-B25L           | ME-B30L           |
|------------------------------------|---|------------------|------------------|------------------|-------------------|-------------------|
| Module Number                      | 1   | 2                | 3                | 4                | 5                 | 6                 |
| Nominal Battery Energy             | 5.12kWh   | 10.2kWh          | 15.3kWh          | 20.4kWh          | 25.5kWh           | 30.6kWh           |
| Nominal Voltage                    | 51.2V   | 51.2V            | 51.2V            | 51.2V            | 51.2V             | 51.2V             |
| Maximum Continuous Discharge Power | 5kW   | 10kW             | 10kW             | 10kW             | 10kW              | 10kW              |
| Maximum Continuous Charge Power    | 5kW   | 10kW             | 10kW             | 10kW             | 10kW              | 10kW              |
| Dimension [W*H*D]                  | 700*443*370 (mm)  | 700*611*370 (mm) | 700*779*370 (mm) | 700*947*370 (mm) | 700*1115*370 (mm) | 700*1278*370 (mm) |
| Net Weight                         | 71.3kg  | 119.7kg          | 168.1kg          | 216.5kg          | 264.9kg           | 313.3kg           |
| Depth of Discharge                 | 100%  |                  |                  |                  |                   |                   |
| Charging Temp . Range              | 0~50°C  |                  |                  |                  |                   |                   |
| Discharging Temp . Range           | -10~50°C  |                  |                  |                  |                   |                   |
| Communication                      | RS485/CAN   |                  |                  |                  |                   |                   |
| Warranty                           | 10 Years  |                  |                  |                  |                   |                   |
| Calendar Life                      | ≥6000 Cycles  |                  |                  |                  |                   |                   |
| Protection Level                   | IP65  |                  |                  |                  |                   |                   |
| Color                              | White   |                  |                  |                  |                   |                   |
| Protection                         | Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit                |                  |                  |                  |                   |                   |
| Pros                               | Can be used in both off-grid and hybrid setups, compact design, modular expansion |                  |                  |                  |                   |                   |
| Module Connection Method           | Series  |                  |                  |                  |                   |                   |
| Mounting Method                    | Floor-standing  |                  |                  |                  |                   |                   |
| Certification                      | CE/UN38.3/IEC62619  |                  |                  |                  |                   |                   |
| Max. Operating Altitude (m)        | 2000  |                  |                  |                  |                   |                   |
| Compatible Inverter                | ME-HS5L / ME-HS5L-A / ME-HS8L   |                  |                  |                  |                   |                   |