# EB series battery pack

## 10.24/15.36/20.48/30.72/40.96/51.2kWh

- **IP65-rated for Outdoor Use**
  Ready for any environment.
- **Fire-grade Protection**
  Because home safety matters.
- **Utilizes Cell-level Passive Balancing**
  Battery life extended.
- **Plug-and-Play Installation**
  No wiring maze.
- **Maximum 1C Charge/Discharge Rate**
  Instant power surge.
- **Modular Design**
  Up to 50kWh+ per cluster.
- **4 Clusters 200kWh+**
  Endless possibilities.






SINENG

| Model | EB-10.24KWH-H01 | EB-15.36KWH-H01 | EB-20.48KWH-H01 | EB-30.72KWH-H01 | EB-40.96KWH-H01 | EB-51.2KWH-H01 |
|---|---|---|---|---|---|---|
| **System Configuration** | | | | | | |
| Battery cell Type | LFP | | | | | |
| Usable battery capacity | 10.24kWh | 15.36kWh | 20.48kWh | 30.72kWh | 40.96kWh | 51.22kWh |
| Number of Battery Modules | 2 | 3 | 4 | 6 | 8 | 10 |
| Nominal voltage | 102.4V | 153.6V | 204.8V | 307.2V | 409.6V | 512V |
| Operation voltage | 89.6~116.8V | 134.4~175.2V | 179.2~233.6V | 268.8~350.4V | 358.4~467.2V | 448.0~584.0V |
| Max. Charging/Discharging current | 100A (60s) | | | | | |
| DOD setting | ≤95% | | | | | |
| Battery cycle warranty | ≥6000 | | | | | |
| Communication method | CAN | | | | | |
| Display | LEDs | | | | | |
| Installation method | Stack, Floor-mounted | | | | | |
| Fire safety measure | Built-in fire protection module | | | | | |
| Operating Temperature | Charging: 0~50℃; Discharging: -20~50℃ | | | | | |
| Storage Temperature | 0~35℃ | | | | | |
| Coolling method | Nature | | | | | |
| Humidity | 5~95% | | | | | |
| Altitude | 3000m | | | | | |
| Size (W*H*D) | 725*555*380mm | 725*735*380mm | 725*915*380mm | 725*1275*380mm | 725*1635*380mm | 725*1995*380mm |
| Weight | 115kg | 162.5kg | 210kg | 305kg | 400kg | 495kg |
| Protection degree | IP65 | | | | | |
| Parallel Connected | 4 | | | | | |
| **Battery Pack** | | | | | | |
| Model | EM-5.12KWH-H01 | | | | | |
| Nominal Capacity | 5.12kWh | | | | | |
| Battery cell capacity | 100Ah | | | | | |
| Size（W*H*D） | 725*180*380mm | | | | | |
| Weight | 47.5kg | | | | | |
| **Battery Distribution Unit** | | | | | | |
| Model | EC-BDU-FC-H01 | | | | | |
| Size（W*H*D） | 725*145*380mm | | | | | |
| Weight | 15kg | | | | | |
| Certificate | UN38.3 EMC | | | | | |

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