









LOW VOLTAGE STACKED ESS

RESIDENTIAL ENERGY STORAGE

CAPACITY

5.12kWh Battery Module
Expandable to 30.72kWh

-  LFP cells and cobalt free, no memory effect, high performance.
-  Scalable and thin design, easy to install and save space. Expandable to 30.72kWh. IP65, support outdoor installation.
-  BMS 2.0 Smart parallel equalization algorithm, millivolt level charging control policy, cycle life of more than 6000 times.
-  Compatible inverters cover most of the brands in the market such as Growatt, Deye, Victron, Lux Power, GoodWe, TBB, Megarevo, etc.
-  Subsidiaries and distributors worldwide offer local support.
-  IOT Internet of Things module technology, which with user friendly APP could monitor and maintain remotely. 5 years product warranty, 10 years battery warranty.



PRODUCT PARAMETER

| Item | LV M05 | LV M10 | LV M15 | LV M20 | LV M25 | LV M30 |
|-----------------------------|--|--------------------|--------------------|--------------------|---------------------|---------------------|
| Module Number | 1 | 2 | 3 | 4 | 5 | 6 |
| Nominal Energy | 5.12kWh | 10.24kWh | 15.36kWh | 20.40kWh | 25.60kWh | 30.72kWh |
| Max Power | 5kW | 10kW | 10kW | 10kW | 10kW | 10kW |
| Rated Capacity | 100Ah | 200Ah | 300Ah | 400Ah | 500Ah | 600Ah |
| Dimension (W/D/H) | 700 / 370 / 478 mm | 700 / 370 / 651 mm | 700 / 370 / 824 mm | 700 / 370 / 997 mm | 700 / 370 / 1170 mm | 700 / 370 / 1343 mm |
| Weight | 74.9kg | 124.2kg | 173.5kg | 222.8kg | 272.1kg | 321.4kg |
| Rated Current | 50A | 100A | 150A | 200A | 200A | 200A |
| Max. Continuous Current | 99A | 198A | 200A | 200A | 200A | 200A |
| Nominal Voltage | 51.2V | | | | | |
| Voltage Range | 44.8V to 57.6V | | | | | |
| Operating Temperature | 0°C to 55°C (Charge) -20°C to 55°C (Discharge) | | | | | |
| DOD | 90% | | | | | |
| RTE | ≥95% | | | | | |
| Battery Pack In Parallel | Maximum support 6 units in parallel | | | | | |
| Humidity | 5% to 95% RH | | | | | |
| Cooling Method | Natural Cooling | | | | | |
| Installation | Floor Stacking Installation | | | | | |
| Altitude | ≤2000m | | | | | |
| Communication | CAN2.0 / RS485 | | | | | |
| Certification And Standards | IEC62619 / IEC60730 / UKCA / CE / UN38.3 / RoHS / Reach | | | | | |
| Protection Class | IP65 | | | | | |
| Warranty | 5 Years Product Warranty, 10 Years Battery Warranty | | | | | |
| Guaranteed Cycles | >6000 | | | | | |
| Compatible Inverters | Growatt, Deye, Victron, Lux Power, GoodWe, TBB, Megarevo, etc. | | | | | |

- When the temperature is below 0 °C or above 45°C, the performance will be limited.

- Test conditions: 0.2C Charging/Discharging, @25C, 80% DOD.

Information may be subject to change without notice during product improving.

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