

## High-voltage Stacked Energy Storage Battery



- 1 Homely style, elegant and beautiful
- 2 With high voltage stack-based design, the backup energy can be expanded flexibly
- 3 Multiple electrical protections, safe and reliable
- 4 Adopting LFP cells, safe and stable
- 5 Single battery 5.12kWh, it can be expanded to 30.72kWh

| Parameters/ Model     |                                | CE-10-S                                                                                     | CE-15-S                                                                             | CE-20-S                                                                              | CE-25-S                                                                               | CE-30-S                                                                               |
|-----------------------|--------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Electrical Parameters | System Architecture            |          |  |  |  |  |
|                       | Stack Capacity                 | 10.24kWh                                                                                    | 15.36kWh                                                                            | 20.48kWh                                                                             | 25.6kWh                                                                               | 30.72kWh                                                                              |
|                       | Number of Cells in Series      | 2 pcs                                                                                       | 3 pcs                                                                               | 4 pcs                                                                                | 5 pcs                                                                                 | 6 pcs                                                                                 |
|                       | Rated Voltage                  | 204.8V                                                                                      | 307.2V                                                                              | 409.6V                                                                               | 512V                                                                                  | 614.4V                                                                                |
| Operating Conditions  | Voltage Range                  | 179.2~227.2V                                                                                | 268.8~340.8V                                                                        | 358.4~454.4V                                                                         | 448~568V                                                                              | 537.6~681.6V                                                                          |
|                       | Rated Capacity                 | 50Ah                                                                                        |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Continuous Charging Current    | 12.5A (Recommended) / 25A (Maximum)                                                         |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Continuous Discharging Current | 25A (Recommended) / 50A (Maximum)                                                           |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Communication Interface        | RS485/CAN                                                                                   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Protection Functions           | Over-voltage, Under-voltage, Over-temperature, Low-temperature, Over-current, Short-circuit |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Dimensions (W*D*H)             | 550*370*740mm                                                                               | 550*370*973mm                                                                       | 550*370*1209mm                                                                       | 550*370*1445mm                                                                        | 550*370*1681mm                                                                        |
|                       | Weight                         | 126Kg                                                                                       | 180Kg                                                                               | 233Kg                                                                                | 287Kg                                                                                 | 340Kg                                                                                 |
|                       | IP Rating                      | IP20/IP54                                                                                   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Installation Requirements      | Indoor installation / Outdoor installation                                                  |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Operating Temperature Range    | -10°C to 55°C (Optimal: 20°C to 30°C)                                                       |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Storage Temperature            | -30~60°C                                                                                    |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Operating Humidity             | 5~95%                                                                                       |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Altitude Requirement           | ≤2000m                                                                                      |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Cooling Method                 | Natural Cooling                                                                             |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Other Parameters      | Compatible Inverter            | Pylontech, Growatt, Goodwe, Megarevo, Victron, Sunways, SunWize, ATESS, Ginlong             |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|                       | Certifications                 | UL1973, UL9540A, IEC62619, FCC, CE-EMC                                                      |                                                                                     |                                                                                      |                                                                                       |                                                                                       |



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