



BATTERY SPECIFICATION

| | Battery usage | Solar energy storage |
|-----------------------------------|-------------------------------------|----------------------|
| General Characteristics | Chemistry | LFP |
| | Capacity | 200AH |
| | Number of cell of series | 16S |
| | Number of cell of parallel | 1P |
| | Total number of cells | 16 |
| | Norminal voltage | 51.2 |
| | KWH | 10.24 |
| | BMS | |
| Electrical Characteristics | BMS Type | CAN |
| | Oprating voltage range | 43.2~58.4 |
| | Charging mode | CC/CV |
| | Recommended charging voltage | 58.4 |
| | Standard discharging current | <150A |
| | Standard charging current | <100A(25°C) |
| | Cell low cut protection level(V) | 2.65 |
| | Cell low cut protection recovery(V) | 3 |
| Cell high cut protection level(V) | 3.75 | |
| Cell high cut protection level(V) | 3.6 | |

| | | |
|------------------------------------|---|--------------------------------------|
| Protections | Cell over voltage protection | <input type="checkbox"/> Yes |
| | Cell under voltage protection | <input type="checkbox"/> Yes |
| | Charging over current protection | <input type="checkbox"/> Yes |
| | Discharging over current protection | <input type="checkbox"/> Yes |
| | Output short circuit protection | <input type="checkbox"/> Yes |
| | Cell temperature protection in discharging mode | <input type="checkbox"/> Yes |
| Temperature Characteristics | Maximum working temperature | charging : 0-45°C, Discharge :-20 |
| | Storage temperature | -55°C 0°C至+45°C |
| Warranty | @80%DOD Cycle life | 2000 |
| Mechanical Characteristics | Module dimension(LxWxH)in mm | 550*720*190 |
| | Cabinet design | IP65 |
| | DC connector | 200A waterproof connector |
| | CAN | <input type="checkbox"/> Yes |
| | RS485 | <input type="checkbox"/> No |
| | BlueTooth | <input type="checkbox"/> No |
| | 4G | <input type="checkbox"/> No |
| Battery weight | (Kg) | 103KG |
| | Net weight approx | Approx |



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