



SS-BATT-SX-16.07kWh-LV-IP65



DATASHEET

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Product Parameters

Note

Approvals and certification are subject to change without prior notice. Please confirm the current status with Sunsynk before placing an order.

| Model | SS-BATT-SX-16.07kWh-LV-IP65 |
|--|--|
| Parameters | |
| Battery Chemistry | LFP 1P16S |
| Total Energy ^[1] | 16.07kWh |
| Nominal Voltage | 51.2V |
| Operating Voltage Range | 43.2~57.6V |
| Charging Voltage | 55.2V |
| Max. Charge/Discharge Current ^[2] | 157A |
| Communication | RS485, CAN |
| Storage Temperature | 0°C~40°C (Recommended) |
| Storage Humidity | ≤85% (RH) |
| Operating Temperature | Charging: 0°C~55°C Discharging: -20°C~55°C |
| Working Humidity | ≤95% RH (Non-Condensing) |
| Working Altitude | ≤2000m |
| Protection Level | IP65 |
| Protection Class | I |
| Weight | 112kg±2kg |
| Dimensions (WxDxH) | 425x233x790mm (H Without Base) |
| Warranty | See website for Warranty details |
| Cycle Life | >6000 (25°C, 0.5C/0.5C, 90% DOD, 80% Remaining) |
| Scalability | Recommended ≤8 |
| Certification | Approvals and certifications are subject to change without prior notice. Please confirm the current status with Sunsynk before placing an order. |

^[1] Test conditions: fresh battery, cell voltage 2.5~3.65V, 25 ± 2°C, 0.5C charge and 0.5C discharge.

^[2] Dependent on the temperature and SOC of battery.



Contact Us

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