



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 Chemsitry	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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