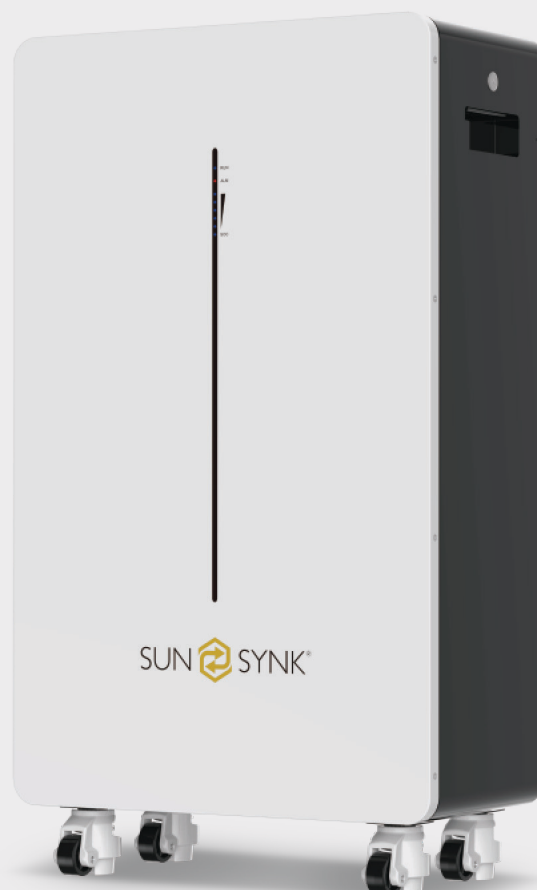




SS-SUN-BATT-16.07kWh-IP20-00



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-SUN-BATT-16.07kWh-IP20-00
Main Parameter	
Battery Chemistry	LFP (LiFePO ₄)
Nominal Voltage	51.2Vdc
Nominal Capacity	314Ah
Battery Energy ^[1]	16.07kWh
Operating Voltage Range	44.8 - 56.16Vdc
Nominal Charge/Discharge Current	157A
Max. Charge/Discharge Current ^[2]	200A
Communication	
Display	SOC Status Indicator, LED Indicator
Communication	CAN/RS485/RS232/Wi-Fi
General Specification	
Dimension (WxDxH)	485x252x785mm
Weight	122.5kg
Installation	Floor Stand or Wall Mounted
Operating Temperature ^[3]	Charge: 0 to 50°C Discharge: -15 to 50°C
Environmental Humidity	≤95% (RH) No Condensation
Ingress Protection (IP) Rating	IP20
Cycle Life ^[4]	≥6000 cycles @ 80% DOD, 25°C, 0.5C, 60% EOL
Scalability	Max. 15 Batteries in Parallel
Applications	On-grid, On-grid + Backup, Off-grid
Compatible Inverters	Refer to Compatible Inverter List (Compatible with Major PCS Brands)
Standard Compliance	
Approvals and certifications are subject to change without prior notice. Please confirm the current status with Sunsynk before placing an order.	
Warranty	See website for Warranty details
Ordering and Deliverable Parts	SS-SUN-BATT-16.07kWh-IP20-00 Battery SS-SUN-BATT-16.07kWh-IP20-00 Parallel Cable SS-SUN-BATT-16.07kWh-IP20-00 to PCS Cable

^[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

^[2] Factory-configurable for 0.5C or 1C operation.

^[3] Charge/discharge derating occurs when the temperature is below 0°C or above 45°C.

^[4] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.



Contact Us

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