



SUN-BATT-16.07-R-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	SUN-BATT-16.07-R-00
Main Parameter	
Battery Chemistry	LiFePO ₄
Nominal Voltage	51.2Vdc
Nominal Capacity	314Ah
Battery Energy ^[1]	16076Wh
Operating Voltage Range	44.8Vdc~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)	530x245x847mm
Weight	120kg
Installation	Floor Stand
Operating Temperature ^[3]	Charge: 0 to 55°C Discharge: -20 to 55°C
Environmental Humidity	≤95%RH (No Condensation)
Protection Rating	IP65
Cycle Life ^[4]	6000 Cycles @ 80% DOD / 25°C / 0.5C, 60% EOL
Scalability	Max. 15 Batteries in Parallel
Application	On-Grid/On-Grid + Backup/Off-Grid
Compatible Inverters	Refer to Compatible Inverter List (Compatible with Major PCS Brands)
Standard Compliance	
This product complies with ISO and its relevant norms and standards. Approvals and certifications are subject to change without notice. Please verify current status with Sunsynk before ordering.	
Warranty	See website for Warranty details
Ordering and Deliverable Parts	
Parts	SUN-BATT-16.07-R-00 Battery SUN-BATT-16.07-R-00 Parallel Cable SUN-BATT-16.07-R-00 to PCS Cable

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

^[2] There is 0.5C or 1C configurations optional in factory default.

^[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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