



SUN-BATT-10.65



DATASHEET

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Model	SUN-BATT-10.65
Performance	
Cell Technology	LFP (LiFePO ₄)
Nominal Voltage	51.2Vdc
Nominal Capacity	208Ah
Battery Energy ¹	10.65kWh
Operating Voltage	44.8 ~ 56.16Vdc
Max. Charge and Discharge Current ²	200A
Communication	
Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN, Wi-Fi
General Specification	
Dimension (W×D×H)	550×160×836 mm
Weight	89kg
Installation	Floor stand or wall mounted
Working Temperature ³	Charge: 0 to 50°C Discharge: -15 to 50°C
Environmental Humidity	≤ 95%RH (no condensation)
Ingress Protection Rating	IP20
Cycle Life ⁴	6000 cycles or ten (10) years @ 80% DOD / 25°C / 0.5C, 70% 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	
Certification	UN38.3 / IEC62619 / IEC61000 (more available upon request)
Ordering and Deliverable Part	
Product Ordering Part	SUN-BATT-10.65 Battery SUN-BATT-10.65 Parallel Cable SUN-BATT-10.65 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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