



SUN-BATT-10.65



DATASHEET

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Model	SUN-BATT-10.65
Performance	
Nominal Voltage	51.2Vdc
Nominal Capacity	208Ah
Battery Energy ¹	10650Wh
Charge Voltage	55.68~56.16Vdc
Discharge Voltage	45.6-56.16Vdc
Nominal Charge / Discharge Current	100A
Nominal Charge / Discharge Power	5000W
Max Charge / Discharge Current	200A
Max Charge / Discharge Power	10000W
Short Circuit Current	540A
Communication	
Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN
General Specification	
Dimension (W×D×H)	550×160×836mm
Weight	90kg
Installation	Floor stand or Wall mounted
Working Temperature ²	-20°C ~ 60°C
Storage Temperature	≤25°C, 12 months; ≤35°C, 6 months; ≤45°C, 3 months
Operating / Storage / Humidity	≤ 95%RH
Max. Operating Altitude	≤ 2000m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle Life ³	6000 Cycles @ 80% DOD / 25°C / 0.5C, 60% EOL
Scalability	Max. 8 batteries in parallel
Standard Compliance	
Certification	PACK: UN38.3, IEC62619, IEC61000 CELL: UN38.3, IEC62619, UL 1642, JET (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 Charge / discharge derating occurs when the operating temperature from -10°C to 5°C & 45°C to 55°C.

³ Condition apply. Refer to SUN-BATT-10.65 Warranty Letter.



CONTACT US

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