



# SUN-BATT-5.32




## DATASHEET

WallMounted

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v.4 (04/02/24)

 **PLEASE RETAIN FOR  
FUTURE REFERENCE**

Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	104Ah
Battery Energy <sup>1</sup>	5320 Wh
Charge Voltage	55.68~56.16Vdc
Discharge Voltage	45.6-56.16 Vdc
Nominal Charge/Discharge Current	50A
Nominal Charge/Discharge Power	2500W
Max Charge / Discharge Current	100A
Max Charge / Discharge Power	5000W
Short Circuit Current	350A
Communication	
Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN
General Specification	
Dimension (W×D×H mm)	450x520x185mm
Weight	46.5kg
Installation	Floor stand or Wall mounted
Working Temperature <sup>2</sup>	-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 <sub>4</sub> , Lithium-iron Phosphate
Cycle life <sup>3</sup>	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-5.32 battery SUN-BATT-5.32 parallel cable SUN-BATT-5.32 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-5.32 Warranty Letter



## Contact Us

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