

# LITHIUM BATTERY

SUN-BATT-5.32

Dimension

450×150×533mm



### More Usable Energy

100% Depth of Discharge.



### Easy Installation

Floor Stand or Wall Mounted.



### Flexible Investment

Scalable from 5.32 to 42.56 kWh.



### Perfect Compatibility

Compatible with Major PCS Brand.



### Safe & Reliable

Premium Lithium Iron Phosphate(LFP)  
6000 cycles.



### Quick Commissioning

One Button ON/OFF Automatic  
ID Assignment.



## CONTACT US

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POWERED BY  
SUN  SYNK<sup>®</sup>

## SUN-BATT-5.32 Technical Specification

### 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 (WxDxH mm)	450x150x533mm
Weight (kg)	45kg
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 Ion 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)
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### 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
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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.