

SUN-BATT-15.97

Self consumption
Energy independence



MORE USABLE ENERGY

100% Depth of Discharge



FLEXIBLE INVESTMENT

Scalable from 15.97 to 127.76 kWh



SAFE & RELIABLE

Premium Lithium Iron Phosphate(LFP)



EASY INSTALLATION

Floor Stand or Wall Mounted



HIGH ENERGY DENSITY

Proprietary CTP Technology



PERFECT COMPATIBILITY

Compatible with Major PCS Brand

SUN-BATT-15.97 Technical Specification

Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	312Ah
Battery Energy ¹	15970 Wh
Charge Voltage	55.68~56.16Vdc
Discharge Voltage	45.6-56.16 Vdc
Nominal Charge/Discharge Current	150A
Nominal Charge/Discharge Power	7500W
Max Charge / Discharge Current	300A
Max Charge / Discharge Power	15000W
Short Circuit Current	450A
Communication	
Display	SOC status indicator, LED indicator
Communication	RS232、RS485、CAN
General Specification	
Dimension(W×D×H mm)	720×160×916mm
Weight (Kg)	140kg
Installation	Floor stand or Wall mounted
Working Temperature ²	-20℃ ~ 60℃
Storage Temperature	≤25℃,12 months; ≤35℃,6 months; ≤45℃,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℃ / 0.5C, 60% EOL
Scalability	Max 8 batteries in parallel
Standard Compliance	
Certification	PACK: UN38.3 CELL: UN38.3、IEC62619、UL 1642、JET (more available upon request)
Ordering and Deliverable Part	
Product ordering part	SUN-BATT-15.97 Battery SUN-BATT-15.97 Parallel cable SUN-BATT-15.97 to PCS cable

1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25℃

2. Charge/discharge derating occurs when the operating temperature from -10℃ to 5℃.& 45℃ to 55℃.

3. Condition apply. Refer to SUN-BATT-15.97 Warranty Letter