



LiFePO₄ Battery System

PART: SC_24|300

25.6V 314Ah



Core Technology

CALB 314Ah Grade A Prismatic Cells. Optimized for high-voltage efficiency.

IP68 RATED

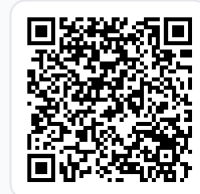
The definitive solution for **heavy-duty sailboat house banks and island solar grids**. IP68-rated enclosure for total humidity and salt-air immunity.

TECHNICAL SPECIFICATIONS

Nominal Voltage	25.6V	Peak Discharge	350A ($\leq 2s$)
Nominal Capacity	314Ah (8,038 Wh)	BMS Connectivity	Bluetooth Smart Monitoring
Cell Technology	Grade A Prismatic LiFePO ₄	Enclosure Rating	IP68 Dust/Waterproof
Cell Brand	CALB (314Ah High Capacity)	Cycle Life	6,000+ @ 0.2C / 25°C
Charge Voltage	28.8V – 29.2V	Dimensions	640 × 245 × 220 mm
Charge Current	50A Cont. / 200A Peak	Net Weight	Approx. 50 kg (110 lbs)
Cont. Discharge	200A	Warranty	5 Years (Limited)

SMART BMS APP

Scan to download the **XiaoXiang BMS** app for real-time telemetry, cell balancing, and health diagnostics.



iOS



ANDROID

NATIVE 24V EFFICIENCY

Reduced current losses and simplified wiring for high-capacity marine power systems.

ISLAND MICROGRIDS

Maintenance-free energy storage for remote island microgrids and tropical resorts.

OCEAN RESILIENCE

Fully sealed against salt-air corrosion. Designed for longevity on Bluewater cruisers.

SAFETY & MAINTENANCE

- VERIFY POLARITY BEFORE CONNECTION
- STORAGE AT 50-80% SOC RECOMMENDED

- PARALLEL CONNECTION WARNING: ENSURE ALL BATTERY VOLTAGES ARE WITHIN 0.25 VOLTS BEFORE CONNECTING THEM IN PARALLEL

WARNING: IF THE LITHIUM BATTERY IS NOT IN USE, IT MUST BE RECHARGED AT LEAST ONCE EVERY 3 MONTHS TO PREVENT OVER-DISCHARGE AND BATTERY DAMAGE.

SOLAR CLIPPERS LLC

Supporting Yachts Since 2010

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LAS VEGAS, NV

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