

BATTLite

Affordable Green Motive Power

LiFePO₄ Batteries for Golf Carts

Smoother Rides | Extended Range | Enhanced Safety | Superior Efficiency



BAT5000



Grade A LFP Cell

10 Years Design Life

>4,000 Times Cycle Life

IP67 Ingress Rating

0 Maintenance

>1 Year Storage When Fully Charged

Bluetooth Monitoring



Remote Data Monitoring

Minimalist SoC meter supports data monitoring and remote upgrades via the Bluetooth-enabled app.



Ultra-Compact Design

Cell-to-Pack (CTP) technology ensures a more compact design to fit more golf cart models.



High Output

High discharge current to support faster start-up speed and ensure more efficient driving.



Drop-In Ready

Supports easy installation and drop-in replacement for conventional lead-acid batteries.

6-level Safety Protection

**Safety First,
Ride with Confidence**



Material Safety

Fire safety with flame-retardant, UL94 V-0-rated materials



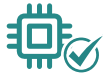
Cell Safety

Reliable, automotive-grade LiFePO₄ battery cells



Manufacturing Safety

Smart and strict quality control across the whole manufacturing process



BMS Safety

Optimized, intelligent BMS with multiple safety protections



Pack Safety

Passed UL2271 vibration and thermal runaway tests



Safety Certification

Cells certified to 10+ industry standards such as IEC 62619 and UL 1642

Technical Specifications

Model	BAT5000
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Nominal Energy	5.10kWh
Cycle Life	>4,000 Times
Continuous Charge / Discharge Current	20A / 130A
Max. Charge / Discharge Current	40A / 300A
Mileage per Full Charge	40-50 miles (64-80 km)
Working Temperature Range	Charge: 32~131°F (0~55°C), Discharge: -4~131°F (-20~55°C)
Storage Temperature Range	1 Month: -4~131°F (-20~55°C), 1 Year: 32~95°F (0~35°C)
Ingress Rating	IP67
Dimension (L x W x H)	410 x 275 x 270mm (16.14 x 10.83 x 10.63 inch)
Weight	110.23±4.41 lbs / (50±2 kg)

Note: All data are based on BATTLite standard test procedures, actual performance may vary according to local conditions.