

SUN CYCLE™ LITHIUM BATTERY

Product Benefits & Internal Components



Copper Bus Bars

The connections between cells are made from 100% copper bus bars, which results in a very low internal resistance. Less internal resistance means less heat when the battery is under load resulting in better performance.

25Ah Cells

The large-sized cells mean less connections between cells, which further helps to reduce internal resistance.

UNDOT Certification

Tested and approved for UNDOT means Go Power! LiFePO4 Batteries can handle vibration and shock experienced in mobile applications.

Cell Balancing

Series cells can lose capacity over time if not properly managed. The BMS keeps the cells balanced, which optimizes the battery for maximum available capacity and lifetime.

Prismatic Cell Enclosures

The metal, prismatic cell enclosures in Go Power! LiFePO4 Batteries are super durable and perfect for mobile applications.

Heat Management

Extreme high or low temperatures can damage lithium batteries. The BMS continuously measures temperature and protects the battery from becoming unsafe or damaged.

LiFePO4 Chemistry

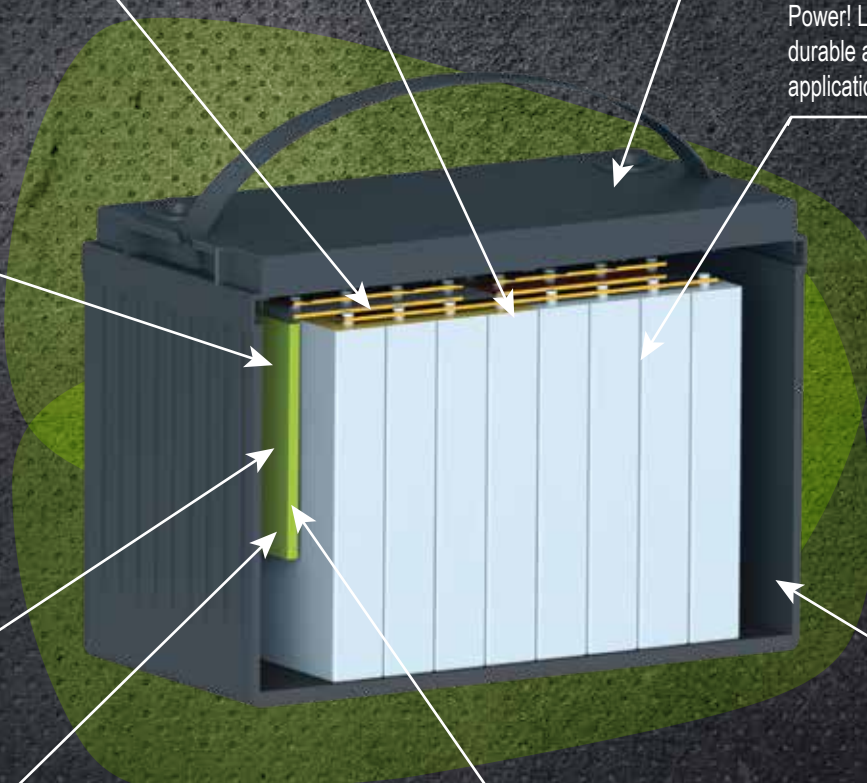
LiFePO4 batteries have stronger chemical bonds than traditional lithium batteries. This makes them less vulnerable to things like short circuits, even if the BMS somehow failed.

Short Circuit Protection

The internal Battery Monitor System (BMS) will detect dangerous short circuits and protect the battery from damage.

Battery Management System (BMS)

The BMS inside Go Power! LiFePO4 Batteries manages various aspects of the battery to make it extremely safe providing better performance and longer life.



Learn more at gpelectric.com/LITHIUM