

LIFELINE

...the heart of your system®

Lifeline Lithium LL-12V100-27

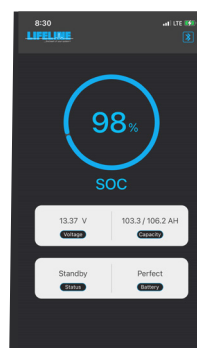
LiFePO4 with Bluetooth Connectivity!



BCI Group Size	27
Volts	12v
Length in. (mm)	12.1" (307mm)
Width in. (mm)	6.6" (168mm)
Height in. (mm)	8.7" (221mm)
Weight lbs (kg)	26.7 lbs (12.2 kg)
ELECTRICAL PERFORMANCE	
Nominal Capacity	100 Ah
Capacity @ 20 Amp Load	300 Minutes
Energy	1280 Wh
Self Discharge	<3% / Month
CHARGING SPECS	
Max Continuous Discharge Current	100 A
Peak Discharge Current	200 A (3 seconds)
Automatic Low Temp Disconnect	Triggered at -4°F (-20°C)
Automatic High Temp Disconnect	Triggered at 149°F (65°C)

Easily monitor your Lifeline Lithium battery with the Lifeline Batteries Bluetooth App!

- State of Charge Percentage (SOC)
- Individual Battery Voltage
- Charge and Discharge Current
- Number of Cycles Used
- Battery Temperature
- Remaining Battery Capacity
- Single Cell Voltage
- Full Charge Capacity
- Average Time to Empty
- Average Time to Full Charge
- Up to 50 Feet Range



LOW COST OF OWNERSHIP - While the investment of LiFePO4 batteries can be as much as 2 - 3 times the cost of Lead Acid or AGM, they contain up to 10x the amount of life and 2x the usable power effectively giving a much lower cost of ownership.

UP TO 10X's LIFESPAN - Typical AGM batteries last between 300-500 cycles. In contrast, at 80% DoD, the Lifeline Line of LiFePO4 batteries last between 3500-5000 cycles.

2X's USEABLE POWER - Lead Acid and AGM batteries can only be discharged to 50% of their rated capacity without damaging them. Example: a 100Ah AGM battery only provides ~50 useable Amp Hours. Lifeline Lithium batteries can provide 100% of their useable power without degrading their lifespan. This effectively doubles the amount of power needed to run your RV, Boat, Camper, etc..

LIGHTWEIGHT - Lifeline Lithium batteries provide more watt hours per lbs while also being up to 1/3 the weight of its SLA equivalent.

QUICK RECHARGE - Lifeline Lithium batteries do not require a FLOAT charging stage. Due to their superior charging efficiencies, they charge in a fraction of the time it takes for Lead Acid/AGMs.

EASE OF MANGEMENT - Each Lifeline Lithium Battery contains a Bluetooth enabled Battery Management System (BMS). This enables you to check the health and status of each battery in your system.

SAFETY - With each battery having an internal BMS, you can rest assured knowing that you never have to worry about damaging another battery due to low/high temperatures or low/high voltage.

