



...the heart of your system®



Lifeline Lithium LL-12V100-24

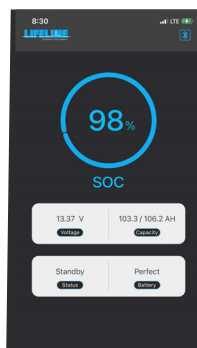
LiFePO4 with Bluetooth Connectivity!

www.lifelinebatteries.com • 1-800-527-3224

BCI Group Size	24
Volts	12v
Length in. (mm)	10.2" (260mm)
Width in. (mm)	6.6" (168mm)
Height in. (mm)	8.6" (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



"DROP-IN" FIT – Lifeline Lithium batteries are a drop-in fit replacement for most standard lead acid battery sizes.

INTERNAL HEATING – The built in Battery Management System allows for cold temperature charging down to -4°F/-20°C and discharging as low as -22°F.

BLUETOOTH – With a built in Bluetooth chip, you can easily monitor the status of each of your batteries from your smart devices. (iOS and Android)

MORE USEABLE ENERGY – Lead Acid and AGM batteries drop below 12 volts and their lifespan is decreased when discharged below 50%. Lifeline Lithium batteries will provide 12 volts for 100% of their rated capacity. This effectively doubles the amount of usable energy.

EXTREME CYCLE LIFE – Lifeline Lithium can easily be discharged 100% at least 2000 times and up to 6000 times at 50%, compared to regular lead-acid batteries which only allow 300-400 cycles at 100% and 1000 cycles at 50% depth of discharge.

LIGHTWEIGHT – Lifeline Lithium batteries are 1/3 of the weight of regular lead acid batteries.

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.

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.

