

# ELI-24V3130Wh-G49

24V Rechargeable Li Ion battery – Preliminary data sheet

## General description

- Standard battery size - BCI group 49
- 4 times the energy at 1 hour rate, compared with 12V same size AGM battery.
- High energy & high-power density
- Internal BMS & safety switch providing 100% safe and protected pack
- LED State Of Charge Indicator (SOCI)
- CANbus 2.0 communication interface
- Fast charging – approximately 1.5 hours to full charge



## Applications

Marine, RV, automotive, or solar PV

## Safety

Internal BMS provides 100% safety from:

- Over charge and over discharge;
- Over current charging or discharging;
- Short circuit
- Over/under-temperature
- Reverse polarity

## Quality System

- ISO-9001:2008

## Standards

- UN-38.3
- UL-listed (for cells)

## MSDS and Disposal

- Check with manufacturer

## Electrical

Voltage (Max/Nom/Min)	29.4V / 25.2V / 17.5V
Energy/Capacity	3130Wh / 124Ah
Continuous power/current @ 25°C	3800W / 190A
Peak Power (30 sec)	12kW / 600A
Typical/Max charging current	62A / 160A
Communication	CANbus 2.0 LED Fuel Gauge
Cycle Life	1000 @ 80% DOD, 23°C

## Mechanical

Dimensions L×W×H mm/(in)	353×175×188.3 (13.88×6.88×7.50)
Weight	18 kg
Battery Housing	Plastic
Mounting	B13 hold-down

## Environmental

Discharge temperature	-40°C to 60°C
Storage	-40°C to 71°C
Transportation	Class 9
Ingress Protection	IP67 (without communication)

