

ELI-33626

BCI Group 27 Rechargeable Li-Ion Battery Pack

General description

- Rugged Lithium-Ion battery for vehicle, marine and heavy duty application
- 4 times more energy than in a similar AGM/Gel battery
- up to 800 charging cycles or 5 years of operation
- Plug and Play replacement of Lead-Acid batteries
- Smart battery with self-balancing and self-charging capability: does not require dedicated charger
- Serial and parallel interconnectivity with additional batteries for group operation



Charge Method (CCCV)

- Charging Voltage: 29.4VDC
- Charging current: 25A

Safety

- Under/over voltage
- Under/over current
- Short circuit
- Temperature
- Cell Balancing

Quality System

- ISO-9001:2008; AS-9100

Applicable Standards

- UN-38.3
- UL-1642 (for cells)

MSDS and Disposal

- Check with manufacturer

Electrical

Capacity (typical)	156 Ah
Energy	3,930 Wh
Max. voltage	29.4 V
Nom. voltage	25.2 V
Max. Dis. Current (cont.)	120 A
Communication	RS485; LED Fuel Gauge
Life Cycle	Up to 800 to 70% capacity @ 90% DOD

Mechanical

Dimensions	(L;W;H) 309mm X 175mm X 234.4mm
Weight	20kg
Energy Density	196 Wh/kg; 314 Wh/l
Battery Housing	Aluminum
Color	White, Black, NATO Green, customizable

Environmental

Charge	0°C to 45°C
Discharge	-20°C to 60°C
Storage	-20°C to 50°C
Humidity	0 to 95%
Transportation	Class 9

