



## LE51.2V-100IB

Lithium Ion Golf Cart Battery



### ELECTRICAL SPECIFICATIONS

<b>Voltage</b>	51.2 V
<b>Rated Capacity</b>	100 Ah
<b>Recommended Charge Voltage</b>	58.4 V
<b>Discharge Cutoff Voltage</b>	40 V
<b>Recommended Charge Current</b>	< 50 V
<b>Max. Continuous Discharge Current</b>	400 A
<b>Parallel Scalability</b>	6 Units
<b>Cycle Life</b>	5000 @ 80% DoD
<b>Charge Temperature</b>	0 to 45 °C
<b>Discharge Temperature</b>	-25 to 65 °C

### MECHANICAL SPECIFICATIONS

<b>Height</b>	240 mm (9.45 in)
<b>Width</b>	300 mm (11.81 in)
<b>Length</b>	400 mm (15.75 in)
<b>Weight</b>	48 kg (105.6 lbs)
<b>Cell Configuration</b>	16s 1p
<b>Enclosure Material</b>	Metal
<b>IP Rating</b>	IP67

### KEY FEATURES & ADVANTAGES

Lithion Battery offers safe, reliable, and mobile energy solutions for storage and transportation. With a high-performance 51.2V design based on **Lithium Iron Phosphate** chemistry, it provides superior safety, long cycle life, and zero maintenance.

**Ideal for: Golf Carts, AGVs, GSE, UTVs, Electric Utility Vehicles**



#### Efficient & Fast Charging

High charge efficiency of >90%. Increases productivity, reduces energy costs and eliminates the need for investments in battery change out systems.

#### High, Uniform Discharge Voltage

Delivers stable voltage during discharge. Increases equipment performance and reduces motor heat.

#### Longer Life

Provides > 10 times the life of lead acid batteries.

#### Robust Safety

Multiple levels of protection prevent operation outside of current, voltage, and temperature limits.

- Inherently safe LFP technology
- No corrosive acid leaks
- No explosive gassing

#### Space and Weight Efficiency

Systems provide >3 times the energy per weight of lead acid.

#### Environmentally Safe

Does not contain toxic metals such as cobalt, lead, cadmium, nor any corrosive acids or alkalis.

### CONTACT

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