



51.2V 230AH LITHIUM ION BATTERY PACK



ELECTRICAL SPECIFICATIONS

Voltage (Nominal)	51.2 V
Capacity @ 1 °C, 25 °C (Typical)	230 Ah
Energy	11.78 kWh
Recommended Charge Voltage	58.4 V
Discharge Cutoff Voltage	40 V
Charge Float Voltage Range	55.2 - 58.4 V
Continuous Current / Peak (10s) / Peak (2s)	230 A / 460 A / 700 A
Recommended Charge Voltage	58.4 V
Discharge Temperature	-10 °C to 50 °C
Charge Temperature	0 °C to 45 °C
Recommended Charge CCCV	≤ 230 A to 58.4 V

MECHANICAL SPECIFICATIONS

Height (Excluding bolts/lift)	246 mm (9.69 in)
Width (Excluding mounting)	320 mm (12.60 in)
Length (Excluding connectors)	880 mm (34.65 in)
Weight	82.5 kg (181.88 lbs)
Terminal Hardware	M8 x 1.25
Terminal Torque	15 N.m. (132.76 in-lbs)
IP Rating	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: 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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