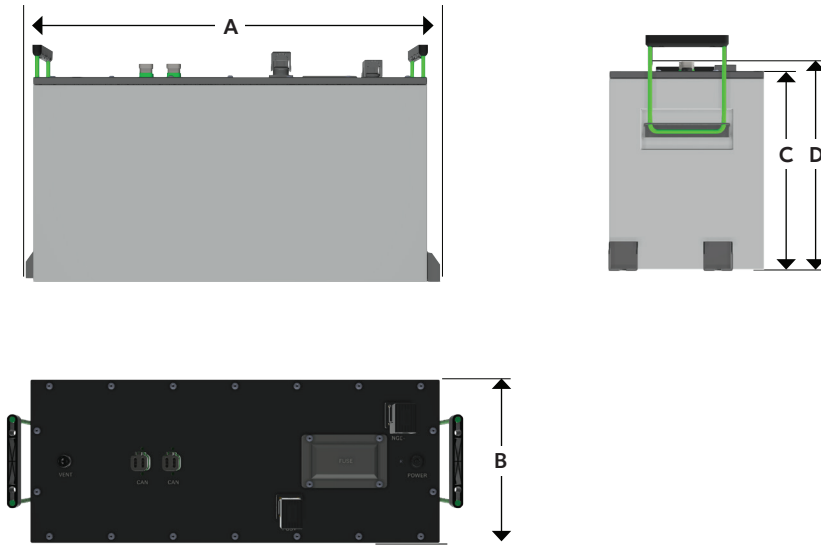


Scalable Power Solution for OEM Integration

The DLP-E LiFePO₄ battery is a reliable, scalable power solution designed for OEMs in commercial and industrial applications. Built for harsh environments, it's ideal for work vehicles, marine, RV, and industrial equipment. Designed to UL1973 transport and SAE J3060 Heavy Duty Vibration Level 3 standards, it offers superior durability against shock and vibration. Equipped with a GEN-4 high-current BMS, the DLP-E supports 0.8C continuous charge and discharge rates, with CAN communication for seamless system integration. Its self-heating feature ensures reliable performance even in cold conditions.

MECHANICAL DRAWINGS



FEATURES AND BENEFITS

HIGH-CURRENT BMS

- High Peak Discharge and 1/C Continuous Charge Current Remote ON/OFF.
- Sets Voltage, broadcasts SoC and temperature
- Plug-and-play system-wide BMS Communication

LYNK PORT

- Multi-battery BMS Communication
- Connect battery string to LYNK Gateway
- Remote ON/OFF.

EXTERNAL FUSE

- Field serviceable fuse protects your investment from abuse or misuse.

HEATED

- Integrated self-heating
- Charging from -20°C / -4°F

SAFETY

- Designed to pass SAE J3060 Heavy Duty Vibration Level 3 tested and designed to UL1973 for safety and durability.

GENERAL SPECIFICATIONS

Length (A) (in/mm)	22.1	563
Width (B) (in/mm)	8.4	214
Height (C) (in/mm)	10.9	277
Total Height (D) (in/mm)	12.6	320
Weight (lbs/kgs)	110	50
Terminal	M8 Hex cap screw	
Modules	16S1P	
Case Material	2mm Stainless Steel. Main enclosure: fine-grained power coated. Lid: fine-grained power coated.	
IP Rating	65	
Chemistry	LiFePO ₄	

PERFORMANCE SPECIFICATIONS

Nominal Energy (kWh)	5.12
Nominal Capacity (Ah)	100
Useable DoD	100%

ELECTRICAL SPECIFICATIONS

Nominal Voltage (V)	51.2
Charge Bulk Voltage	55.2
Charge Absorption Voltage	55.2
Charge Float Voltage	53.6
Recommended End of Discharge Voltage	48
Min. Battery Voltage (V)	40
Max Charge Current [A]	95
End of Charging Current (CV stage) [A]	2.5
Standard Charging Current [A]	50
Max Continuous Discharging Current [A]	95
Peak Discharge Current [A]	200 A (30 seconds)
Terminal Off Voltage [V]	<0.1
Terminal On-state Impedance [mΩ]	13mΩ @120Hz
Self-Discharge ON [mA]	<15mA (BMS and cell block self-discharge)
Self-Discharge OFF [mA]	<4mA
Cell Charge Temperature	0°C to 55°C (32°F to 131°F)
Cell Discharge Temperature	-20°C to 55°C (-4°F to 131°F)
Cell Storage Temperature	-20°C to 55°C (-4°F to 131°F)