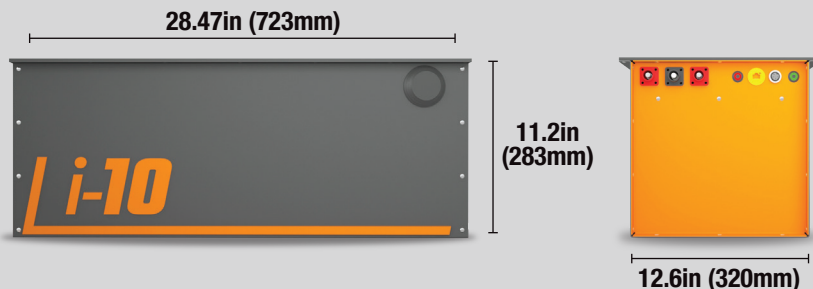


Lithium Battery LiFePO4 - 10.8KWh

Serie: Li10 Model: Li10-12.8HBEV / Li10-25.6HBEV / Li10-51.2HBEV



Battery 10KWh	
Model:	Li10-12.8HBEV / Li10-25.6HBEV / Li10-51.2HBEV
Nominal Voltage:	12.8 Volts / 25.6 Volts / 51.2 Volts
Nominal Capacity:	840 Ah / 420Ah / 210Ah
Nominal Watt Hours:	10 752 Ah
Internal Resistance:	<3 milliohms



Mechanical characteristics	
Length:	28.47in (723mm)
Width:	12.6in (320mm)
Height:	11.2in (283mm)
Weight:	Approx. 187lbs (85.0kg)
Storage Temperature & Humidity Range:	
< 1 Month	-4~95°F (-20~35°C), 45~75%RH
< 3 Months	14~86°F (-10~30°C), 45~75%RH
Recommended storage	59~95°F (-15~35°C), 45~75%RH

Charge	
Charging temperature range:	32°F (0°C) to 131°F (55°C)
Recommended charge voltage:	14.2 / 28.4V / 56.8V
Recommended float charge voltage:	13.4V to 13.6V / 26.8V to 27.2V / 53.6V to 54.4V
Recommended charge current:	200A / 200A / 150A
PEAK max charge current:	300A / 300A / 200A

Discharge	
Discharging temperature range:	-4°F (-20°C) to 131°F (55°C)
Output Voltage Range:	11.2V to 13.4V / 22.4V to 26.8V / 44.8V to 53.6V
Recommended discharge current:	200V / 200V / 150A
PEAK discharge current:	300A / 300A / 200A

Self-discharge rate	
Residual capacity	3% per month, 15% per year
Reversible capacity	1.5% per month, 8% per year
Long Term Storage:	If the battery needs to be stored for > 3 months, the voltage should be 13.2V (50%SOC), and stored at the temperature and humidity range shown above. Additionally, the battery needs at least one charge & discharge cycle every six months. (Voltage X 2 for 25.6V / X 4 for 51.2V)

Contact us

4480 Avenue des Industries, H7C 1A2 - Laval (QC)

Phone: 450 973-4770

sales@lithiumbatterysolution.com

Lithium Battery LiFePO4 - 10.8KWh

Series: Li10 Model: Li10-12.8HBEV / Li10-25.6HBEV / Li10-51.2HBEV

Our commercial Li10 Serie LiFePO4 by **Lithium battery solution** is a high-quality, compact **10.8KWh** battery with industrial grade BMS and cell balancing modules. Only tier 1 cells are used and the battery has been designed and assembled in Canada by our team. We have integrated heating, CAN communication, Bluetooth function, and each battery is tested before its delivery.

Also, since our batteries are installed into vehicles most of the time, we have deported ON/OFF switch (2) for the heating and to turn on and off the battery itself. Since you may not use the battery all the time, a sleep mode is integrated into the battery to help maintain the capacity.

We have taken our external BMS and cell balancing modules to build them into our new modules, which makes the installation simple and quick. The BMS controls the charge and discharge and monitors the voltage, current, and temperature in order to maximize longevity, efficiency, and safety.

With our built-in Bluetooth and our app, you will be able to monitor and get all the necessary information on your battery.

This product is available in the following models based on your specific needs :

- Li10-12.8HBEV: Nominal Voltage: 12.8 Volts – Nominal Capacity: 840 AH
- Li10-25.6HBEV: Nominal Voltage: 25.6 Volts – Nominal Capacity: 420 AH
- Li10-51.2HBEV: Nominal Voltage: 51.2 Volts – Nominal Capacity: 210 AH

Application

This reliable Lithium Battery LiFePO4 has versatile applications for:

- Off Road vehicles
- Fleet owner
- Rvs and Boats manufacturers
- Specialty equipment
- OEM's

**We can design a battery for your needs
Just ask us about our OEM program**



Features

- **Monitoring app for iOS and Android platforms, which allows real-time battery information.**
- **Steel powder coated enclosure for safety and durability.**
- **IP 65 Dust and Water Proof design**
- **Remote On/Off**
- **Remote Heating**
- **CAN Bus Communication**
- **Auto sleep mode to save power**

