DIY Lithium Batteries: How To Build Your Own Battery Packs

Learn to build lithium batteries for:
- Home energy storage
- Electric cars
- RC vehicles & drones
- Electric bicycles & skateboards
- And everything else!

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Synopsis

Are you a hands on person? Do you prefer making things yourself? Are you working on a project that requires lithium batteries? If so, then this book is for you! We’ll cover everything you need to know about lithium batteries. From choosing the right cells to designing a battery pack and building it yourself, this book includes all the steps for building safe, effective custom lithium battery packs.

Book Information

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Customer Reviews

Good information from start to finish, touches on everything you need to know and firsthand type knowledge, not hard to understand with alittle knowledge of electricty and know how. Recommend read for first timers for sure. Explains all the different batteries available and some info on the new technologies that are going to come out, so its upto date. The way this tech is growing its the must read to get caught up. You can Do It Yourself. Good luck and this book is a great start to going off grid!!!

Americans have been writing good DIY books for over 130 years. I have a collection.Trouble is they tend to address the how and spend little time on the why. This book is different. It’s broadly split into two sections, one discussing batteries and what works best. Call this the "why". The writing is simple and there is NO jargon. That said, the knowledge is very detailed and is essential to building an effective, safe battetry.The second section is the typical "how". I found it a bit simplistic for a typical hobbyist but anyone can build a Lipo using these instructions.What the book summary says is what you get. You also get useful information on the feeding, exercise and care of your pet Lipo
Great work! From one of the best educators in the DIY eBike world. Just what was needed, even if you don’t build a battery it provides incredible insights into how batteries are built. Get it now!

Very good, knowledgeable book, well written and interesting. Best of all, safety cautions, that I very much needed. Changed how I will go about using Lithium Ion Batteries. Views of several different types of batteries, what their chemistry works and how their used.

FANTASTIC guide to Li-Ion, LiFePo4 charging and battery bank building. This a MUST for all Battery people. A great GUIDE. Thanks Micah. I’m still following your instructional videos on YouTube.

This book is easy to understand and packed with schooling. It’s a steal for the price. I’ve learned so much.

The safety section is well worth the price of the book. Please do yourself a favor and read this before attempting to make your own battery pack. Well written and organized.

I had a lot of questions about building battery packs specially regarding and nickel strip amperage limitations. This book answers all those questions are more. Thanks for helping me not make a bunch of costly mistakes.

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