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**New DIY Li-ion battery building kit paves way for homemade EVs**

The DIY battery company Vruzend has just released its new modular lithium-ion battery building kit that allows hobbyists and engineers to create their own custom Li-ion battery packs for electric vehicles, solar power energy storage and other devices and projects.

The kit requires no soldering or welding, allowing anyone to quickly and easily connect commercially available Li-ion 18650 battery cells together into small or large arrays and modules capable of powering nearly any device. The kit includes caps that fit onto the terminals of battery cells, allowing each cell to be connected with simple nuts and bolts. This opens the door to custom battery building without specialized tools or factories.

The new V2.0 kit can support up to 20A per cell due to its nickel plated copper-based conductors. This high power level positions its use in applications including EV racing, high power battery banks and other power-hungry projects. This is an improvement over Vruzend’s already successful V1.5 battery building kits, currently popular in at-home solar power systems, electric bicycles and other DIY projects requiring Li-ion battery packs. The V1.5 kits have been used in over 110 countries and by everyone from garage tinkerers to large companies including SpaceX and Boeing.

Pre-production versions of Vruzend’s new V2.0 battery building kit are already being used by multiple high school and university electric vehicle racing teams, including Appalachian State University’s award winning Solar Vehicle Race Team, Team Sunergy.

“Our goal from the beginning has been to make Li-ion battery building accessible to everyone and for every project”, says Micah Toll, a member of Vruzend’s R&D team and author of the Amazon #1 bestselling book DIY Lithium Batteries. “This is a development that has been nearly a year in the making, and we aren’t stopping here. We’re constantly evaluating user feedback and working on more upgrades for the future.”

Relevant links:

Company page: [www.Vruzend.com](http://www.Vruzend.com)

Kickstarter page: <http://kck.st/2J1feQ5>

DIY Lithium Batteries book: [http://amzn.to/2jbxvzS](https://www.youtube.com/redirect?q=http%3A%2F%2Famzn.to%2F2jbxvzS&v=clawhNsORts&redir_token=OLKIrRdGDtj_kwytSIzV03bMIkl8MTUyMzk3MzE2MUAxNTIzODg2NzYx&event=video_description)

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