



## DIY BATTERY?

Can I build my own solar battery system using second hand or DIY components?





## **Can I build my own solar battery system using second hand or DIY components?**

### **We strongly advise against it.**

While DIY solar battery setups might seem like a cost effective option, they often come with serious safety, compliance, and performance risks. Unless you have advanced knowledge, relevant experience, and a deep commitment to electrical safety standards, it's rarely worth the time, effort, or potential danger.

At Aus Solar Kits, we respect innovation and sustainability, but your safety, the reliability of your system, and compliance with Australian standards are non negotiable. Systems that don't adhere to AS/NZS 5139:2019 are not only risky, but also unlikely to be supported by licensed professionals or covered by insurance.

Some enthusiasts enjoy experimenting with reused lithium cells or assembling custom packs, but this kind of work demands specialist training and technical understanding. Even experienced electricians can be out of their depth when it comes to designing and managing custom battery banks. If you're still interested in exploring this path, it's critical that you

- Start by reading the relevant Australian standards
- Understand that some solar and battery training is restricted to licensed electricians or engineers
- Ensure any DIY system is clearly labeled, housed safely, and located away from living areas

Ultimately, the risks of DIY battery systems, including fire, electrocution, or system failure can far outweigh any upfront savings. Worse, cutting corners can put others at risk too.

At Aus Solar Kits, we offer proven, safe, and compliant battery solutions built for Australian conditions. If you're looking for long term performance and peace of mind, we're here to help you choose the right system for your needs with no guesswork required.



If you have any other  
questions just **ASK**