



The entire battery system is manufactured by us end to end, including the energy cells, the battery management systems (BMS), inverters and ancillary equipment. This results in technology which provides unparalleled performance capability. A completely in-house R& D team ensures the technology will continue to lead the field.

We never use cobalt - the mining of which is extremely damaging to the environment and often involves child slavery. In addition, the chemical composition of cobalt batteries results in oxidising during thermal runaway which increases fire risk. Our cell technology is both higher capacity than competitor products (61.5Ah @3.2V), and more energy dense than competitor products (170Wh/Kg). This is because we manufacture prismatic cells over conventional soft pouch cells. This gives even energy density, minimises heat build-up, and increases longevity and ruggedness.

Our materials are ethically sourced and our technology is reusable at the end of first use, and completely recyclable at end of life. As well as being fully recyclable, our products are non-flammable and non-toxic.

Once installed, your GivEnergy solution will just work. So, if you prefer, you can set it and forget it. The system will set to ECO by default, ensuring that it works dynamically to maximise your self- consumption. Plus, inbuilt algorithms mean that your battery will charge and discharge intelligently - automatically taking advantage of cheap rates.

For example, you can set schedules and timers to configure your energy usage around your lifestyle. You can make continuous changes and optimisations via the portal. You can adjust on the fly via the app. And, for the more technical user, you can even use the GivEnergy API to set custom automations.

Once we receive your application, we'll then give you a call to run through next steps. As well as a conversation to learn more about your setup and logistics, this may include a credit check too.

So, we'll provide you with all the resources you need to get up to speed with our product range - whether you prefer remote sessions, in-person training, or resources to use in your own time.



# Givenergy

Contact us for free full report

Web: <https://www.sumthingtasty.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

