



Kookaburra
POWER TECHNOLOGIES

Our product portfolio and capability statement

2025



**The Australian
Battery Energy
Storage System
Specialist**

We provide cutting edge technology that drives renewable energy projects forward.



COMPANY INFORMATION



Kookaburra Power Technologies (KTECK) is run by Aussies who specialise in battery energy storage systems (BESS). Our BESS are manufactured by Brunstock, a global technology brand focused on environmentally friendly power systems. KTECK is the exclusive partner for Brunstock's battery portfolio in the Asia Pacific region. Our point of difference includes:

- ▶ Rapid deployment of quality BESS
- ▶ A high degree of flexibility
- ▶ Great value for money
- ▶ Local experience, knowledge and support

Please visit our website or contact us for more information.



KTECK.COM.AU



SALES@KTECK.COM.AU



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COMPANY HISTORY



ACN 65 681 305 206

Kookaburra Power Technologies formed in 2024 to offer the most flexible and responsive service in energy storage manufacturing in Australia. By leveraging the business structure and relationships of our parent company, Brunstock Electric, we have developed robust Australian solutions for energy storage, including modular battery containers rated to 5MWh and 3MWh that can be scaled to any size required, along with the step-up transformer stations that go with them. We can provide all the equipment required, including invertors, switchgear, transformers and PCS, as well as ongoing operation and maintenance services.

Our manufacturing partners comply with management systems: ISO 9001 Quality, 45001 Occupational Health and Safety and 14001 Environment.



What is Kookaburra Power Technologies? I'm so glad you asked! We're a bunch of Aussies who love making energy grids more stable and reliable!

Kookaburra Power Technologies Pty Ltd (KTECK) commenced in 2024 and is an Australian battery energy storage system (BESS) specialist. Backed by utility-scale power grid experts, KTECK offers BESS, energy storage components and support services.

We are an Australian company that focuses on delivering battery energy storage systems that are reliable, flexible and well supported by our local engineers.



Daniel Tragai

CEO of Kookaburra Power Technologies

As CEO of Kookaburra Power Technologies, Daniel brings over two decades of engineering and leadership experience to the forefront of grid modernisation and energy storage. He is finalising a Master of Engineering (MEng/MBA) and combines hands-on technical expertise with strategic vision to deliver solutions that are not only reliable and scalable but also crucial for a smarter, more sustainable power grid.

Kookaburra Power Technologies is committed to pioneering advancements in energy solutions, aiming to redefine the future of energy storage for a resilient and sustainable world.

SOLUTIONS THAT SCALE WITH YOU

Configurable in a wide variety of layouts

Your energy storage solution will be configured to suit your energy requirements. KTECK BESS can accommodate as few or as many battery containers as you need. With our 5MWh product, simply put three together to get 15MWh of storage. Put 12 together to get 60MWh. Put 24 on your site to get 120MWh and so forth.

5MWh + 5MWh + 5MWh = 15MWh

Three white, rectangular battery containers with 'Bunnock' branding, arranged horizontally and separated by plus signs.

5MWh X 24 = 120MWh

Twenty-four white, rectangular battery containers arranged in a 3x8 grid, representing a larger scale of the product.





BATTERY ENERGY STORAGE

3MWH AND 5MWH LIQUID COOLING BESS

Brunstock's **3MWh and 5MWh BESS** products utilise liquid cooling. These battery energy storage systems integrate long-life batteries, a BMS, a thermal management system (TMS), a safety management system (SMS) and an intelligent power distribution system (IPD) in a 20-foot container.

5MWh BESS

Like Brunstock's 3MWh BESS, the 5MWh battery energy storage system has excellent operational capacity in a wide temperature range and can withstand the variable weather conditions to be expected outdoors.

Brunstock's 5MWh BESS provides world-leading energy density within a 20-foot container footprint. It contains industrial and commercial-grade energy storage battery cabinets. Our team has the flexibility to configure this energy dense solution to your project needs.

It is available in 0.25 or 0.5c which equates to quarter of an hour or half an hour of charge/discharge time.



3MWh BESS

If you're looking to install a liquid cooling battery energy storage system outdoors, we have you covered. Our Brunstock 3MWh BESS can operate in up to 95% relative humidity, with no condensation, and an ambient temperature range of -20 to 45°C. It has a low noise level of ≤85dB. It is available in 0.5 or 1c which equates to half an hour or an hour of charge/discharge time.



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For more info.
please request
the Brunstock
BESS brochure.



SF6-FREE GREEN GIS



STEP-UP STATIONS FOR BESS

Available in 3 MVA, 6 MVA and 9 MVA, KTECK offers custom-made step-up substations and skid stations for energy storage sites. These transformers convert LV to MV for use in the power grid. The skid integrates a ring main unit, such as BGS-40.5, with a power transformer, LV cabinet and auxiliary power supply.

For more info. see

brunstock.com/step-up-transformer-substations



Brunstock



SECONDARY MV GAS INSULATED SWITCHGEAR

BGS-40.5 and **BGS-12** are compact, high performance **secondary** MV GIS that use compressed dry air as the insulating medium. These switchgear products are SF6-free, meaning that your project has less environmental impact, now and in the future. This compact IPD ring main unit can be installed inside a step-up station for BESS by KTECK ensuring the space it takes up is kept to a minimum and your project costs are well controlled.

For more info. see brunstock.com/sf6-free-switchgear



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