

A Q&A with Bryan Qin

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KSTAR

Q: What first drew you to KSTAR?

What first stood out to me was KSTAR's 30-year history in power electronics.

The company has deep roots in UPS systems and data-centre power solutions and entered the renewable energy sector in 2009 as an early adopter and one of the pioneer brands in the industry.

Designing power electronics for mission-critical environments requires a very disciplined engineering approach, and those same engineering principles now carry through to KSTAR's solar and battery solutions.



Q. What makes KSTAR different from other brands in the Australian market?

Many systems in the market are built by integrating components from different suppliers.

KSTAR takes a different approach. The company engineers and manufactures the core components of the system itself, including the inverter and battery management architecture.

This level of vertical integration allows tighter quality control and clearer accountability. It also means the system is designed to operate as a complete solution rather than as a collection of third-party components. This approach reduces finger pointing and allows the organisation to take full ownership of the product.



What is one technical capability that sets KSTAR apart in residential energy storage?

One feature that is often overlooked in residential systems is parallel capability across both grid-connected and backup operation.

Parallel capability allows multiple systems to operate together as a single larger energy storage platform.

This means homeowners can scale their backup capacity if higher power is required, or expand the system over time as energy needs grow.

It also introduces an important advantage in system reliability. Instead of relying on a single large inverter, multiple systems share the load. If one unit experiences a fault, the remaining systems can continue supplying power.



Q: Can you tell us about KSTAR's relationship with CATL and how that shapes your battery manufacturing?

Our batteries are produced through a joint venture between KSTAR and CATL, one of the world's leading battery manufacturers. They are manufactured in a KSTAR-CATL joint venture factory, using production lines designed and built by CATL and powered by Tier-1 cell technology.

This brings together CATL's global battery expertise with KSTAR's strengths in power electronics and system integration.



Q: What does KSTAR's long-term commitment to Australia look like?

Our focus is on building strong partnerships with distributors, installers, and key industry players so we can deliver reliable solutions for both residential and C&I applications.

Just as importantly, we want to be known as a stable and dependable supplier, supported by local technical expertise and responsive service.

For distributors and retailers, that long-term consistency is critical when selecting a brand.

