



SIGENERGY

SIGENERGY PRODUCT SPECIFICATION



In 2026, Sigenergy has evolved from an "intriguing newcomer" into a dominant force in the Australian market, recently ranking as a top battery manufacturer by market share. Founded by Tony Xu (former President of Huawei's FusionSolar), the company has navigated a turbulent 2025—marked by a major product recall—to emerge as the leader in high-tech, AI-driven energy ecosystems.

The SigenStor remains its flagship "5-in-1" modular system, stacking an inverter, battery modules, and a DC EV charger into a single, sleek tower.

The 2025 Recall & The "New Gen" Hardware

In late 2025, Sigenergy and the ACCC issued a voluntary safety recall for certain 8kW, 10kW, and 12kW single-phase Energy Controllers (inverters).

- The Issue: Reports of overheated AC terminals and melted plugs, which the company partially attributed to precise installation requirements not being met.
- The Fix: Sigenergy proactively replaced affected units with a redesigned OT terminal-style AC connection (replacing the old quick-connect plugs).
- The "Bonus": As a gesture of goodwill, replaced units often received an additional two years of warranty coverage.

Bidirectional EV Charging: A 2026 Reality

Sigenergy's biggest edge in 2026 is its V2X (Vehicle-to-Everything) capability. It is one of the few systems in Australia with a CEC-approved DC bidirectional charger.

- V2H & V2G: You can now use your EV as a giant second battery for your home. With the SigenStor DC EV module, compatible cars (like the Ford F-150 Lightning and select others) can power your house during a blackout or export to the grid for profit.
- DC Coupling: Unlike AC-coupled chargers, the SigenStor charges your EV directly from solar DC power, reducing conversion losses and increasing overall efficiency.

Sigenergy SigenStor: 2026 Pros & Cons

Pros	Cons
<ul style="list-style-type: none">✔ Market Leader Performance: Voted 2nd place in the 2025 Installers' Choice Awards, proving high confidence from the industry despite early growing pains.✔ Extreme Safety: Every battery module contains an internal aerosol fire suppressant that can extinguish a cell fire in 4 seconds—the only system in Australia with this "Sigen Shield" tech.✔ Granular Monitoring: The mySigen app (now featuring GPT-4 AI integration) allows you to see temperatures and voltages for individual battery cells.✔ Fastest Switching: Boasts a 5ms backup switch (UPS-grade), meaning your PC won't even flicker during a grid failure.	<ul style="list-style-type: none">✘ The "Connectivity" Requirement: To maintain the full 10-year warranty, the system must remain connected to the internet. If offline for more than a year, the warranty drops to 5 years.✘ Closed Ecosystem: The hybrid system is largely "locked in" to Sigenergy components. You cannot easily mix their stack with other battery brands like BYD or Pylontech.✘ Premium Pricing: While "sensibly priced" for its features, it sits at a higher price point than basic storage-only systems.

Warranty & Support Details

Sigenergy maintains a dedicated Australian office in Sydney and has ramped up its local technical team to handle the 2026 demand.

- **Standard Warranty:** 10 years for the battery and Energy Controller; 5 years for the Gateway; 3 years for the EV DC module; 2 years for sensors.
- **Performance Guarantee:** Guaranteed 70% capacity after 10 years, or a minimum energy throughput (e.g., 23.77 MWh for the 8kWh module).

Australian Contact Info:

- **Address:** Suite 02, Level 7, 191 Clarence Street, Sydney, NSW 2000
- **Support Phone:** 0452 417 654
- **Email:** service.au@sigenergy.com