



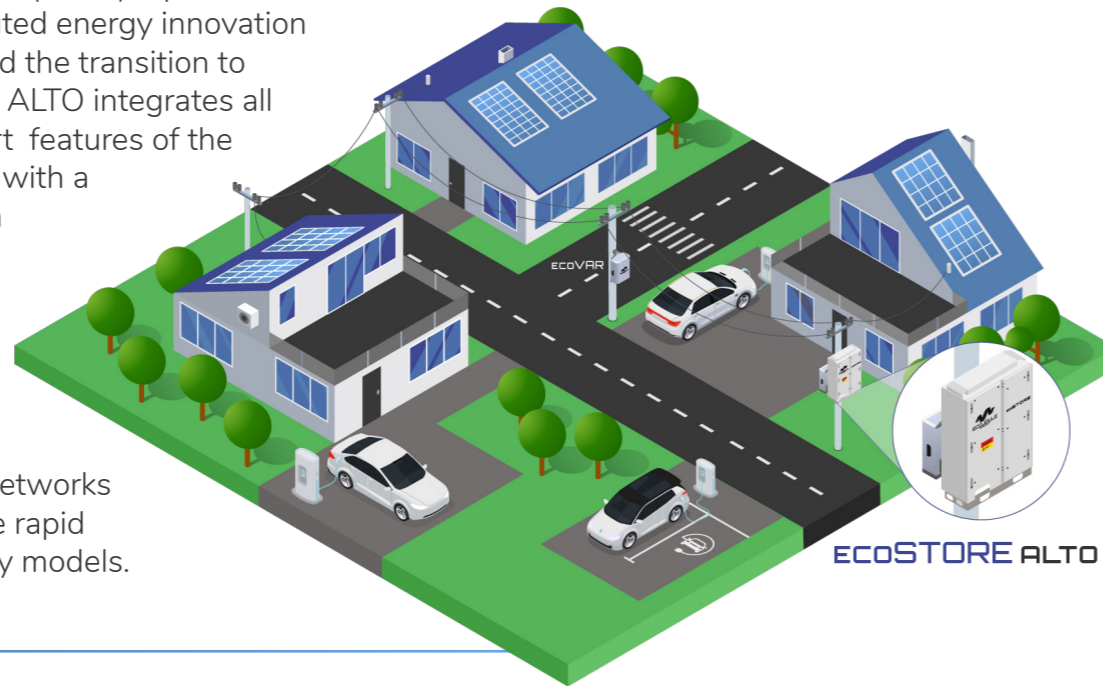
ECOSTORE ALTO

Pole-Mounted Battery Energy Storage System (BESS)

About EcoSTORE ALTO

EcoJoule Energy's EcoSTORE ALTO pole-mounted Battery Energy Storage System (BESS) represents the next generation of distributed energy innovation by supporting grid stability and the transition to renewable energy. EcoSTORE ALTO integrates all the pole-mounted grid support features of the advanced EcoVAR STATCOM with a high-performance Lithium-ion battery storage.

The EcoSTORE ALTO is an intelligent, compact, and versatile pole-mounted BESS that is purpose-built for low voltage (LV) distribution networks and engineered to support the rapid evolution of community energy models.



Smarter Power for a Smarter Grid

EcoSTORE ALTO is an intelligent, Australian-made BESS that improves energy quality, reliability, and efficiency, particularly in fringe-of-grid and renewable-heavy networks.

Designed for the Energy Transition

EcoSTORE ALTO supports utilities and communities in their transition to a cleaner, more distributed energy future by enabling the expansion of distributed power and the growth of rooftop solar.

Real-Time Monitoring & Analytics

User-friendly dashboards enable real-time performance tracking and diagnostics, providing valuable insights into system health.

Autonomous Grid Support

EcoSTORE ALTO provides flexible power control, operating manually, on a set schedule, through remote commands, or in Advanced Grid Support (AGS) mode to help stabilise weaker networks.

Built for Performance & Longevity

Created specifically for pole mounting, EcoSTORE ALTO is a scalable system proven to deliver sophisticated energy management while resisting the ravages of time.

Australian Made for Global Use

Designed and tested for the harsh Australian climate and grid environments, EcoSTORE ALTO is adaptable to a range of grid environments across multiple countries.

Enabling the Solar Sponge and Beyond

With 85 kWh of storage capacity and a 40 kVA power rating, EcoSTORE ALTO is perfectly sized for residential solar sponge applications.

These systems store excess solar generation during daylight hours and release it during the early evening peak, addressing the challenges of the “duck curve” and enhancing local consumption of renewable energy.

Whether deployed as a standalone community battery or as part of a larger distributed energy resource strategy, EcoSTORE ALTO brings control,

visibility, and value to energy storage at the grid edge.

Its form factor makes it well-suited to installation on either new or existing poles (wooden or concrete) offering rapid deployment and scalability across suburban, regional, and remote settings.

This flexibility, combined with its autonomous grid support features and modular upgrade path, positions EcoSTORE ALTO as a future-ready solution to the evolving needs of distribution networks, local councils, and energy communities alike.

A New Standard in Pole-Mounted Battery Energy Storage Systems

EcoSTORE ALTO redefines what's possible from a pole-mounted Battery Energy Storage System (BESS). It combines proven battery chemistry, cutting-edge control software, and a flexible mechanical design to deliver exceptional performance, safety, and scalability. Its grid support capabilities extend beyond traditional energy storage, transforming it into a multifunctional network asset capable of reducing peak demand, enhancing voltage stability, and facilitating greater integration of renewable energy.

With the EcoSTORE ALTO, we're empowering the industry with a storage solution that thinks for itself, installs with ease, and works tirelessly from the pole, where it's needed most.



Scan to learn more about EcoSTORE ALTO
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