



FEATURE STORY

AUSTRALIAN MADE. WORLD CLASS. POWERING GLOBAL MARKETS.

EMSC Asia Pacific begins local manufacturing of advanced Voltage Power Optimisation systems in Australia.

By JAMES MORGAN
Energy Correspondent

EMSC Asia Pacific has commenced manufacturing advanced Voltage Power Optimisation (VPO) systems in Australia — a major milestone for local industry and a significant boost for energy efficiency and sustainability.

Local manufacturing slashes lead times from months to weeks, enabling faster delivery, greater supply chain certainty and better support for clients across Australia, the Asia Pacific region and Europe.

The systems are now being exported to APAC and European markets, showcasing Australian innovation and manufacturing excellence on the world stage.

Full story on Pages 4–5



LEAD TIME

Weeks, not months. Local manufacturing means faster delivery and quicker results.



GLOBAL REACH

Now exporting to APAC and Europe with growing international demand.



STANDARDS COMPLIANT

Fully designed and built to meet applicable Australian & International standards.



SUPPORTING AUSTRALIA

Creating local jobs, strengthening supply chains and supporting a net zero future.

AT A GLANCE: OUR SYSTEMS



RANGE: 50 KVA – 3500 KVA

A comprehensive range of Voltage Optimisation systems to suit commercial, industrial and infrastructure applications.



4G WIRELESS MONITORING

Real-time system monitoring and remote diagnostics via secure 4G connectivity. Anytime, anywhere visibility and control.



INDOOR OR OUTDOOR ENCLOSURES

Engineered for flexibility. Choose from robust indoor or outdoor enclosure options to suit any environment.



OPTIONAL MAIN CIRCUIT BREAKER (MCB) OR ISOLATOR

Enhanced safety and installation flexibility with optional integrated MCB or Isolator.



AUTOMATIC UNDER VOLTAGE PROTECTION (UVC)

Built-in Under Voltage Controller protects your equipment and ensures reliable operation at all times.



AUTOMATED IPMVP TESTING

Integrated IPMVP (International Performance Measurement & Verification Protocol) testing for independent performance verification and peace of mind.

WHAT IS VOLTAGE OPTIMISATION?

Voltage Optimisation (VO) is a proven technology that reduces the voltage supplied to electrical equipment to the optimal level required for efficient operation.

Lower voltage means lower current, which reduces energy consumption, minimises heat and wear, and extends the life of your electrical assets — without impacting performance.

THE BENEFITS OF VOLTAGE OPTIMISATION



REDUCE ENERGY CONSUMPTION

Typical savings of 5–15% on electricity usage.



LOWER EMISSIONS

Reduce carbon emissions and support your sustainability goals.



LOWER ENERGY COSTS

Significant and immediate reductions in electricity bills.



IMPROVE EQUIPMENT PERFORMANCE

Reduced stress and heat improves reliability and efficiency.



EXTEND ASSET LIFE

Less wear and tear means longer life for motors, transformers and equipment.



SUPPORT A SUSTAINABLE FUTURE

A simple, cost-effective step towards a cleaner, more efficient grid.

“ By manufacturing in Australia, we deliver world-class voltage optimisation systems faster, with greater flexibility and the highest standards of quality and support. ” — EMSC Asia Pacific

INDUSTRY NEWS

Energy efficiency delivers big wins



Businesses are turning to smart solutions like VO to cut costs and emissions.

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MARKET UPDATE

Strong demand across APAC



Voltage optimisation gaining traction in key export markets across the region.

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TECHNOLOGY

Smarter systems. Better outcomes.



Advanced monitoring and automation drive performance and reliability.

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SUSTAINABILITY

Building a cleaner, more efficient future



Simple solutions making a measurable impact on emissions and costs.

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Energy Efficiency Systems

OPTIMISE TODAY.
PERFORM BETTER TOMORROW.

Contact EMSC Asia Pacific today to discover how Voltage Optimisation can transform your energy performance.

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