BATTERY
ENGINEERING



Powering a smarter, more connected future

MI Battery Engineering is an Australian-owned engineering, assembly and distribution business, built on more than 80 years of battery and power expertise. We design, assemble, test and distribute battery and power solutions for OEMs, system integrators and operators, from proven products to application-specific systems.

1942
ESTABLISHED

12,000+
PRODUCTS

100+
BRANDS

BATTERY ENGINEERING

Custom Engineering

Tailored battery & power solutions to meet your criteria. Then engineer the power.

Not every application needs a custom battery. Every application benefits from understanding the full power requirement.

We consider performance, service life, environment, budget, charging, safety, communications and lifecycle to recommend fit-for-purpose solutions.

Custom Engineering Capability

CUSTOM BATTERY SYSTEMS
Packs, modules, chargers and DC power systems.

MULTI-CHEMISTRY EXPERTISE
Lithium-ion, LiFePO4, NiMH, SLA and primary-cell technologies.

BMS & CONTROLS
Protection, thermal management, charge discharge control and communications.

SYSTEM INTEGRATION
Charging, monitoring, power electronics, enclosures and interfaces.

PROTOTYPING & VALIDATION
Prototype development, assembly and application-specific testing.

CHEMISTRY MIGRATION
Redesign of legacy systems around current battery technology.

Supporting the transition to smarter power

From chemistry migration and electrification to renewable energy integration and longer-life battery systems, MI Battery Engineering helps customers evaluate and adopt technologies that improve performance, efficiency and lifecycle outcomes.

Testing and Validation

- Advanced testing facilities in Sydney & Perth for product evaluation, performance testing and service life estimation.
- Life-cycle, capacity, high- current, DCIR and safety testing.
- Facilitation of UN38.3, IEC62133 and environmental testing where required.



BATTERY ENGINEERING

Products and Distribution

The right product. The right system. The right level of support.

From a replacement battery or charger to a complete power system, MI Battery Engineering combines product choice with practical technical judgement.

Certified System
Quality
ISO 9001
SAI GLOBAL

Distribution Strength

12,000+ battery, power and related products across 100+ brands.

Our portfolio spans primary and rechargeable batteries, battery packs, chargers, power supplies, energy storage, renewable-energy equipment, monitoring, connectors, test equipment and assembly components. National footprint with Dangerous Goods (DG) transport accredited staff.

Our Proprietary Brands

ENEPOWER | Engineered power for demanding applications

Custom battery packs, chargers, battery management and DC power solutions across all chemistry technologies, designed to your specification to meet your exacting criteria.

Drypower | Dependable power for consumer, commercial & industrial applications

A full range of lithium, lead acid & gel battery solutions for use in standby, deep cycle, UPS & renewable energy applications.

MI Battery Engineering is proud to represent many of the world's leading battery and energy brands in the Australian market.

MG · RRC · amprius · ELECTROCHEM CREATING TOMORROW · victron energy BLUE POWER · ULTRALIFE · renata batteries · Saft A company of TotalEnergies

Fronius · voltgo · Energizer · PROCELL BY THE DURACELL COMPANY · EVE · NOARK · PYLONTECH · Panasonic · FDK · FANSO · HEADWAY

BATTERY ENGINEERING

Power for the industries that keep Australia moving.

MI Battery Engineering supports demanding and critical applications where reliable power, practical integration and responsive technical support matter.

Visit our website



Mining & Resources

Harsh-environment equipment, remote monitoring, field power and communications.



Marine & Mobility

Onboard energy, charging, solar, propulsion support and service power.



Communications & Utilities

Backup power, asset tracking, telecommunications, security and monitoring.



Defence & Autonomous Systems

Tactical communications, robotics, UAVs and portable field systems.



Renewable & Remote Infrastructure

Energy storage, microgrids, off-grid facilities and critical infrastructure.



Medical & Industrial Equipment

Portable diagnostics, instrumentation, automation and OEM products.

If you have a battery challenge, then we are the people to talk to.

From proven products to custom battery packs and integrated power systems, we help define the right path forward.

Capability built by people

Engineering, production, warehousing and technical teams work together to deliver dependable power outcomes.

Memberships

B-cycle Battery Recycling · SMART ENERGY COUNCIL · CLEAN ENERGY COUNCIL · AIDN STRONGER TOGETHER · Australian Industry Group

BATTERY ENGINEERING

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