



An Emission Free Future for Industries

BROCHURE 2026





About Ampd

Company History

Founded in 2014, Ampd Energy was born from a singular idea: to accelerate the energy transition by driving lithium-ion battery technology to untapped sectors. Ampd's breakthrough came in 2018 when it pivoted to solve one of the construction industry's dirtiest secrets—the heavy reliance on fossil-fuel generators. By developing the Ampd Enertainer—the world's first high-power BESS which was purpose built for heavy industries—Ampd proved that 'going green' wasn't just an environmental choice, but rather, a choice driven by commercials, operational efficiency and gaining a competitive edge for its users.

Since deploying the first Ampd Enertainers in 2019, Ampd has now expanded its reach and is now modernising how power is delivered to numerous sectors in heavy industries, worldwide

Our Mission

Delivering high-performance power for heavy industries with zero compromises.

This requires more than just a bunch of batteries-in-a-box. It demands world-class hardware with the flexibility for the varied environments of one project to the next. It demands a relentless obsession with quality, ensuring every unit is engineered to endure the harshest industrial environments without skipping a beat. It demands deep integration of intuitive software that translates raw data into useful information and insights. It demands data as the backbone—the intelligence—which supercharges our systems and maximises your uptime.

With the launch of Ampd's NextGen product family, we are setting a new benchmark for industrial, mobile BESS technology. At Ampd, we build products and technologies which keep projects moving. At Ampd, we build products and technologies which you can count on.



What you get with Ampd:

- ✓ Validated products through millions of field hours, global deployments and genuine certification by globally recognised testing and certification bodies.
- ✓ Standardised field operations around the world, with regionally stocked spare parts and backed by Ampd field operations staff who understand local nuances and Ampd products inside-out.
- ✓ Products with a unified and scalable architecture, designed with immense flexibility for differing needs from one job site to the next.
- ✓ Access to a class-leading software stack which dramatically simplifies pre-deployment planning, operations and maintenance, fleet management and data reporting.

Products

Ampd 200 & Ampd 400 - our NextGen range

Redesigned from the ground up, enabling the ultimate energy flexibility & freedom

Designed to provide power to the toughest and most demanding applications, the Ampd 200 & Ampd 400 have safety, durability, ruggedness, flexibility, and ease of use at its core.

- Liquid cooled → up to +55°C ambient
- Up to IP55 with no internal-to-external air exchange
- Up to 585 kW / 595 kVA, 386 kW / 428 kVA nominal
- CATL LFP battery subsystem, up to 430 kWh
- Integrated 60 kW direct-DC solar MPPT controller
- Up to 4 units in parallel
- Universal Generator Paralleling
- Certified to IEC and UL
- 5 year parts warranty backed by regionally held stock and local service teams

Enernet™

Online portal that connects to your Ampd, providing real-time data and reporting, from anywhere and at any time. Ampd's built-in software brings you closer to your energy consumption data so you can achieve your business goals, such as optimizing your operations, reducing carbon emissions, or cutting costs.

- 24/7 remote performance monitoring, real-time data insights, automated reporting and analytics.
- Energy, fuel and carbon calculation engine automatically calculates site energy consumption, and fuel and CO2 savings.
- Automated monthly operational, energy, carbon and reliability reporting, with system integration via API.
- Remote customization of your Ampd's operating schedule to match the site's cadence, via the easy-to-use Schedule Designer.
- Integrated Service Dashboard for proactive monitoring of assets



Get in touch with your local team for a demo of our software:

GET IN TOUCH

Industry Applications

The Ampd ESS are enabling smart, fully automated, connected and emission-free industrial sites with highly efficient, reliable and scalable power source.



Construction

- Tools & equipment
- Pumps and dewatering
- Hoists
- Emergency back-up

[Find out more](#)



Infrastructure

- Tower cranes and hoists
- Rail & road projects
- Concrete batching
- Dewatering pumps & ventilation

[Find out more](#)



Concrete Batching

- Mixer
- Conveyor
- Pumps & motors
- Emergency back-up

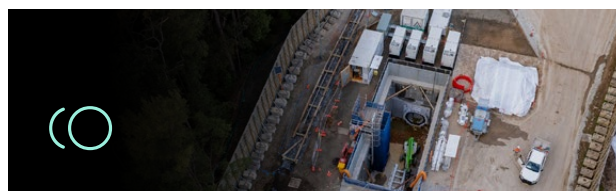
[Find out more](#)



Oil & Gas

- Drilling rigs
- Compressors & pumps
- Site maintenance
- Support vessels

[Find out more](#)



Micro Tunneling

- Boring machine drive motors
- Hydraulic power packs
- Control systems & instrumentation
- Slurry Separation & Treatment

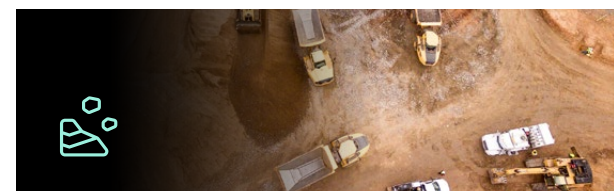
[Find out more](#)



Ports

- Shore power
- Cranes
- Reefer containers
- Emergency backup

[Find out more](#)



Mining

- Crushers & mills
- Conveyors & ventilation fans
- Dewatering pumps
- Electric vehicles

[Find out more](#)



Events

- Audio-visual & Lighting rigs
- LED screens
- Staging power
- Sound systems

[Find out more](#)

Global Coverage

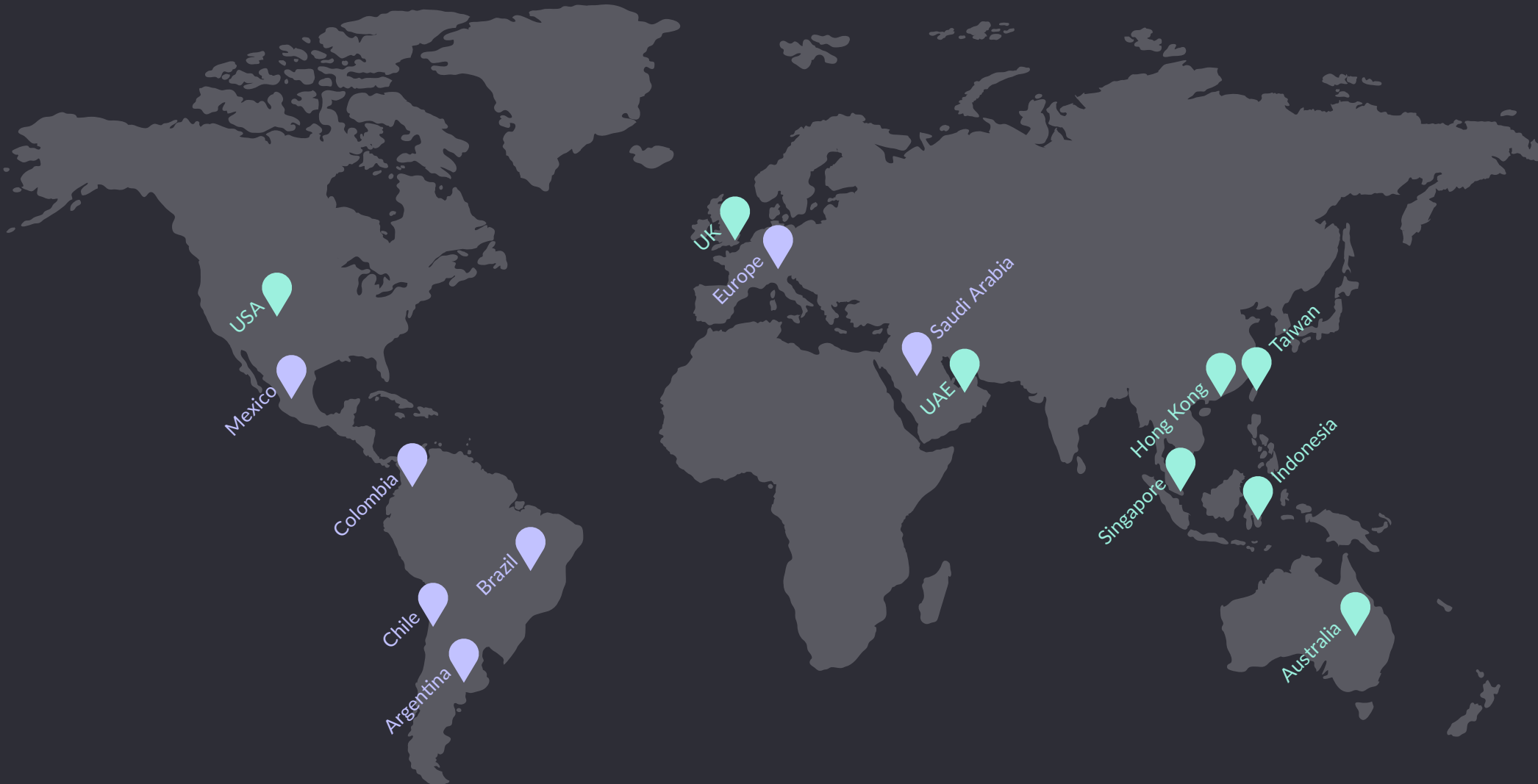
Our trusted partner network combines Ampd's ESS knowledge with our carefully selected distribution partners' industry knowledge. Here's what you can expect from Ampd's network of distribution partners:

- Product availability
- In country expertise
- On-site support
- Localised servicing capability

Ampd has dedicated teams of ESS experts in each region we operate, giving unrivalled response times and technical support

Find your local
Distribution Partner

FIND PARTNER



 Ampd presence  2026 expansion

Testimonials

Visit our website for some full case studies:

SEE CASE STUDIES

“Deploying the Ampd units has been a game-changer in reducing carbon and maximising power reliability and availability at the site. Each Enertainer has removed a 500 kVA generator and all its associated emissions, noise, space, and cost.”

Ian Fleming

Product Leader, Select Site Solutions



“Over the past few years, Ampd has consistently demonstrated highly reliable performance and met the project team’s needs.”

Ir Dr Stewart Wan

Head of Innovation, Gammon | General Manager, Digital G



“We use a fair amount of energy to support our site offices and dormitory for site workers, and we had to deploy 4 large diesel generators to ensure a stable energy stream. By introducing an Ampd unit to replace 2 diesel generators, we were able to achieve reliable electricity supply for 24 hours/7 days operation without worrying about any overheating issues. On top of that, we achieved operational cost savings and more than halved our carbon emissions.”

Roy Khoo

Director, Kimly Construction

“All in all, the Ampd ESS has had a massive impact in a positive way, particularly for the environment.”

Darrell Cullen

Senior Project Manager, McGoff Construction



Get in touch

Get in touch with us now with your site power requirements and we'll get you started on your transition.



www.ampd.energy



contact@ampd.energy



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