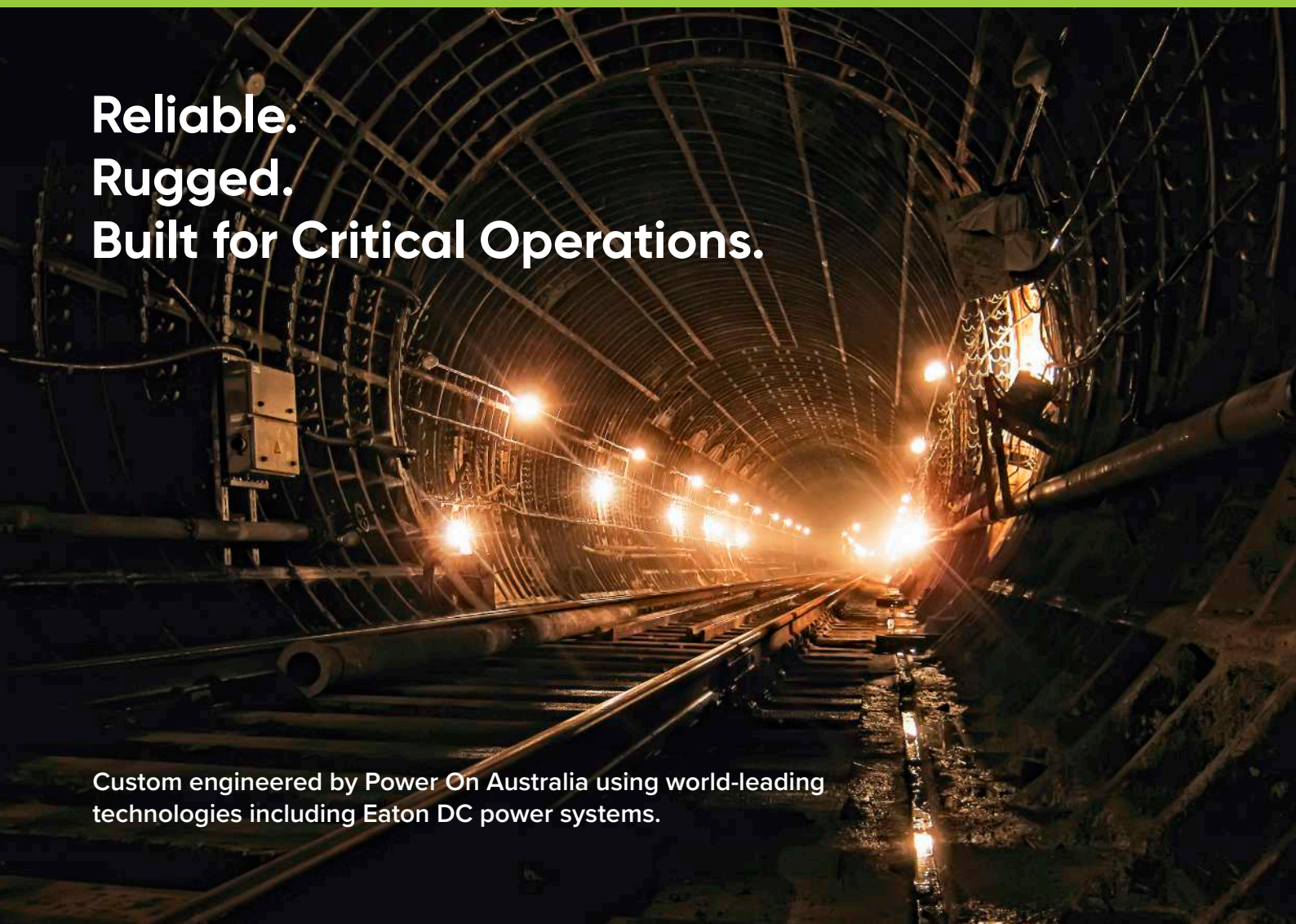
PowerOn
AUSTRALIA

Engineered Power Systems for Underground Mining & Harsh Industrial Environments



Reliable.
Rugged.
Built for Critical Operations.

Custom engineered by Power On Australia using world-leading technologies including Eaton DC power systems.

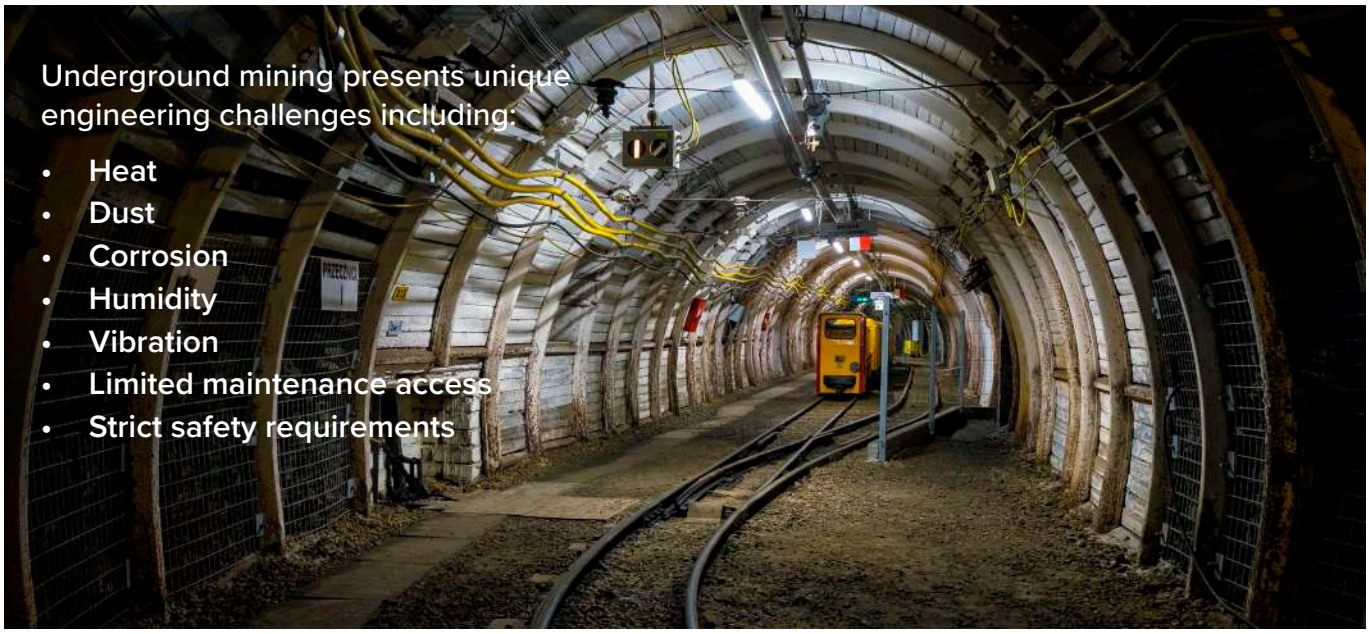
When Downtime Isn't an Option

Deep underground, reliable power is about much more than keeping equipment running.

It is about maintaining communications, supporting automation, protecting critical infrastructure and helping keep people safe in some of the world's most demanding environments.

Power On Australia specialises in designing and manufacturing custom DC power systems engineered specifically for these harsh operating conditions.

Whether supporting communications infrastructure, monitoring systems, automation, security or other mission-critical applications, our solutions are designed to perform when reliability matters most.



Why Power On Australia?

World Class Technology. Australian Engineering

Power On Australia is proud to work with leading global technology partners such as Eaton to deliver engineered power solutions for some of the world's most demanding environments.

Eaton's proven DC cabinet technology has provided the foundation for many projects, enabling Power On Australia to integrate a complete engineered solution tailored specifically to the customer's operational requirements, environmental conditions and compliance obligations.

Combined with complementary technologies selected by our engineering team, the result is a reliable, scalable and purpose-built power solution designed for long-term performance.

"Power On has a demonstrated capability of Engineering Excellence when coupled with Eaton's Technology platform plus their in-house capabilities to support testing and services to address market needs"

Gavin Swadling
Power Quality, Eaton Electrical APAC
General Manager

Powering Business Worldwide

Engineered for Your Environment

Every project begins with understanding the customer's operational requirements.

No two mines are the same. No two power systems should be either.

Power On Australia designs every solution around:

- Environmental conditions
- Runtime requirements
- Battery technology
- Communications equipment
- Site standards
- Future expansion
- Maintenance accessibility
- Operational reliability

Engineering Capability

Designed. Built. Tested. Supported.

Unlike catalogue suppliers, Power On Australia engineers complete integrated power solutions.

Our capabilities include:

- System design
- DC Power Systems
- UPS Systems
- Battery technologies
- Custom enclosures
- Thermal management
- Cable management
- Factory Acceptance Testing
- Documentation
- Installation support
- Commissioning
- National maintenance

Compliance & Engineering Assurance

Compliance by Design

Every Power On Australia engineered solution is designed with **safety, quality and compliance at its core.**

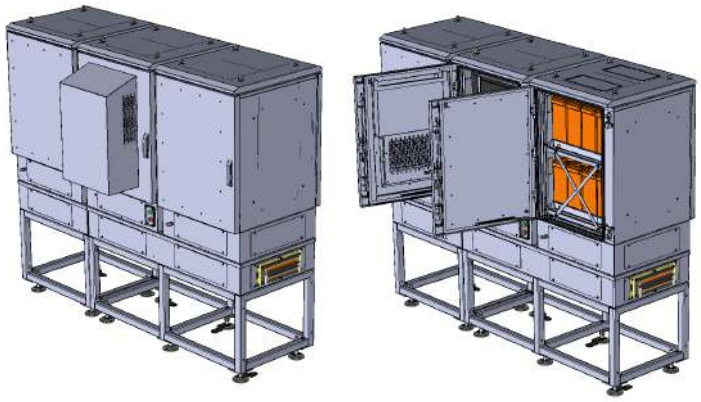
Because every project is unique, our engineering team designs each solution to meet the specific operational, environmental and compliance requirements of the application. This includes adherence to relevant Australian Standards, international standards and customer-specific engineering specifications where required.

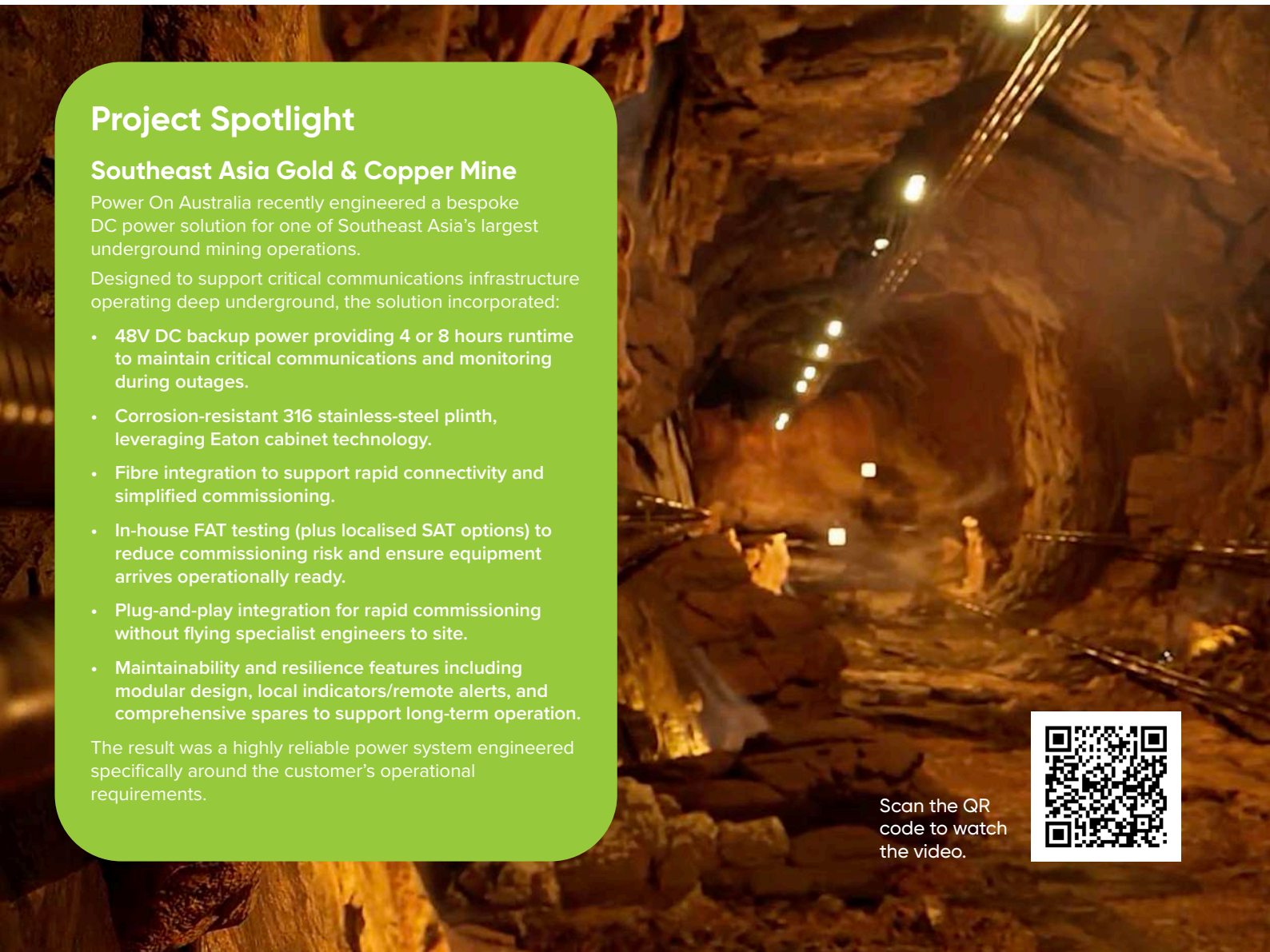
Typical standards incorporated into our designs include:

- **AS/NZS 62368** — Audio/Video, Information & Telecommunications Equipment – AS/NZS 2676 — Installation, Maintenance, Testing & Replacement of Secondary Batteries
- **AS/NZS 3011** — Electrical Installations – Secondary Batteries
- **AS/NZS 62619** — Industrial Secondary Battery Safety
- **AS/NZS 3820** — Essential Safety Requirements for Electrical Equipment
- **AS/NZS 5139** — Safety of Battery Systems
- **AS/NZS 3008** — Selection of Cables
- **AS/NZS 62040** — Uninterruptible Power Systems (where applicable)

Beyond these standards, Power On Australia regularly engineers solutions to comply with **customer-specific technical specifications, mining standards, corporate engineering requirements and site-specific design criteria.** Our objective is not simply to meet published standards, but to deliver compliant, fit-for-purpose power systems tailored to each customer's operational environment.

From Concept to Reality





Project Spotlight

Southeast Asia Gold & Copper Mine

Power On Australia recently engineered a bespoke DC power solution for one of Southeast Asia's largest underground mining operations.

Designed to support critical communications infrastructure operating deep underground, the solution incorporated:

- **48V DC backup power providing 4 or 8 hours runtime to maintain critical communications and monitoring during outages.**
- **Corrosion-resistant 316 stainless-steel plinth, leveraging Eaton cabinet technology.**
- **Fibre integration to support rapid connectivity and simplified commissioning.**
- **In-house FAT testing (plus localised SAT options) to reduce commissioning risk and ensure equipment arrives operationally ready.**
- **Plug-and-play integration for rapid commissioning without flying specialist engineers to site.**
- **Maintainability and resilience features including modular design, local indicators/remote alerts, and comprehensive spares to support long-term operation.**

The result was a highly reliable power system engineered specifically around the customer's operational requirements.

Scan the QR code to watch the video.

Power On
AUSTRALIA

Keeping Australia's Critical Infrastructure Running.

Engineering Confidence Into Every Solution

Power On Australia doesn't simply assemble equipment. We engineer complete critical power solutions that help organisations operate safely, reliably and efficiently in some of the world's harshest environments.

From concept and design through to manufacture, testing, commissioning and ongoing support, our experienced engineering team delivers customised power systems built around your operational requirements.

"Why Leading Mining Companies Choose Power On Australia."

- **Custom engineered solutions**
- **Australian design and manufacture**
- **Compliance-first approach**
- **National support capability**
- **Factory Acceptance Testing**
- **Leading global technology partners**
- **Proven harsh-environment experience**
- **Custom-built to customer and site-specific standards**
- **24+ years of critical power expertise**

Power On Australia

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