

Robust Power Quality and effective Power Management systems ensure the smooth operation of transport infrastructure and systems.

From airports and seaports to railways, roadways, and public transit systems, dependable power is essential for powering critical systems such as traffic lights, signalling systems, ticketing kiosks, security cameras, and communication networks.

Uninterruptible Power Supply solutions - both AC and DC - are crucial for preventing disruptions caused by power outages or fluctuations, which could lead to delays, safety hazards, and inconvenience to passengers.

Effective Power Management practices not only enhance the reliability and efficiency of transport services but also contribute to cost savings and environmental sustainability by optimising energy usage.

With the increasing integration of technology in modern transportation, including electric vehicles and smart infrastructure, ensuring stable Power Quality is paramount for supporting innovation and meeting the evolving needs of travellers and commuters.



Keeping Australians connected since 2002

One of Australia's leading specialists in power quality and management solutions, we have worked with organisations in the transport industry for more than two decades.

Our experienced engineers design bespoke power solutions, identify products from leading vendors, then fully test these products prior to delivery to ensure compliance with industry standards.



Why we're trusted by industry leaders

As an Australian owned and managed business, we are renowned not only for our technical expertise, but for our industry leading personalised and responsive service.

"I have complete confidence in the Power On Australia team. I know they are reliable and have the specialist level of technical and project expertise we require to make a success of these complex and challenging projects."

Mining Design Engineer,
Rio Tinto

Design | Test | Install | 24/7 Support | Maintenance | Spare Parts



Toll Group operates a vast logistics and global freight forwarding network spanning 150 countries.

Power On Australia has developed numerous continuous power solutions for Toll throughout their transport network. A key project involved supplying two large custom UPS systems to Toll Helicopters.

These systems were specifically designed to provide battery backup for their flight simulators, ensuring uninterrupted operations and safety in training scenarios.



Power On Australia provides ongoing power quality and power management support for Team Transport and Logistics, helping protect the IT equipment and critical systems their operations rely on every day.

Through an ongoing maintenance plan, Power On Australia helps ensure equipment is regularly supported, issues are identified before they become disruptions, and systems continue operating with limited to no downtime.

Power On Australia recognises the importance of continuity in a fast-moving transport and logistics environment.



Queensland Rail, owned by the Queensland Government, operates the local and long-distance passenger services across approximately 6,600 kilometres of track and related infrastructure.

Power On Australia was engaged by Queensland Rail to design battery backup solutions for various sites throughout their rail network, ensuring the smooth operation of boom gates and signalling equipment, while also providing critical preventative maintenance services for this equipment to ensure they Power On at all times.



Hitachi Rail STS Australia collaborates closely with passenger rail operators to develop reliable and sustainable transport solutions for mining and urban commuter networks.

Power On Australia has been involved in numerous projects with Hitachi Rail STS Australia, primarily assisting with DC power requirements. Since 2012, Power On Australia has held the official endorsement of Hitachi Rail STS Australia as a 'Preferred Supplier'. We provide sourcing, supply and design of power quality solutions suitable for a wide range of project applications. Key recent projects include the Roy Hill Project, Auto Haul Project, Forrestfield Public Transport Authority Project, and the Hexham LTTSF Project.



Metro Trains Sydney, the private operator of the Metro North West Line, Australia's only fully accessible driverless train service, relies on Power On Australia for the maintenance of their 48V DC Power Systems dispersed across their extensive rail network. In a bustling city like Sydney, downtime is unacceptable for the train network.

Power On Australia is committed to providing advice and equipment to minimise downtime and help prevent service interruptions, ensuring commutes for Metro Trains Sydney customers. Our partnership helps maintain the reliability and efficiency of the train service, contributing to a seamless transport experience for passengers.

Contact us today to experience the Power On difference.

Power On Australia

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