

Sustainability

Industry Leadership

As a member of the Clean Energy Council of Australia, gen Z Energy embraces the vision to facilitate a circular economy for batteries as described by the Australian Battery Recycling Initiative (ABRI). batteryrecycling.org.au



Sustainable Disposal - Ecocycle/EcoBatt

More than 400 million batteries are used throughout the country, with only 15% being recycled, resulting in 8000 tonnes ending up in landfill. Gen Z are an environmentally friendly company and partner nationally with Ecobatt, an Australian based company with sorting and processing plants across Australia. Ecobatt specialises in the safe collection, processing and recycling of battery products to protect our environment, now, and for future generations.



Capability Statement



Corporate Information



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More Information

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gen Z Energy

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Warranty - Rackmount Batteries - 10 years - See genz.com.au for T&C's

Certifications - IEC629619:2017, AS/NZS 60950



Choose gen Z

Gen Z Energy, an Australian company, was founded to develop cost-effective, safe Lithium Ferro Phosphate batteries and energy storage solutions that operate reliably in the challenging conditions of the Australian outback.

Since 2016, gen Z have been designing and refining their products, and developed rack-mount 2kWh and 3kWh battery modules for both industrial and home energy applications. Today, gen Z Energy has become a leading and highly regarded brand in Australia.

Recognising the importance of continuous improvement, gen Z actively reviews and enhances its products based on input from suppliers, installers, and users, as well as from manufacturers of chargers, inverters, and solar controllers that interface with gen Z batteries.

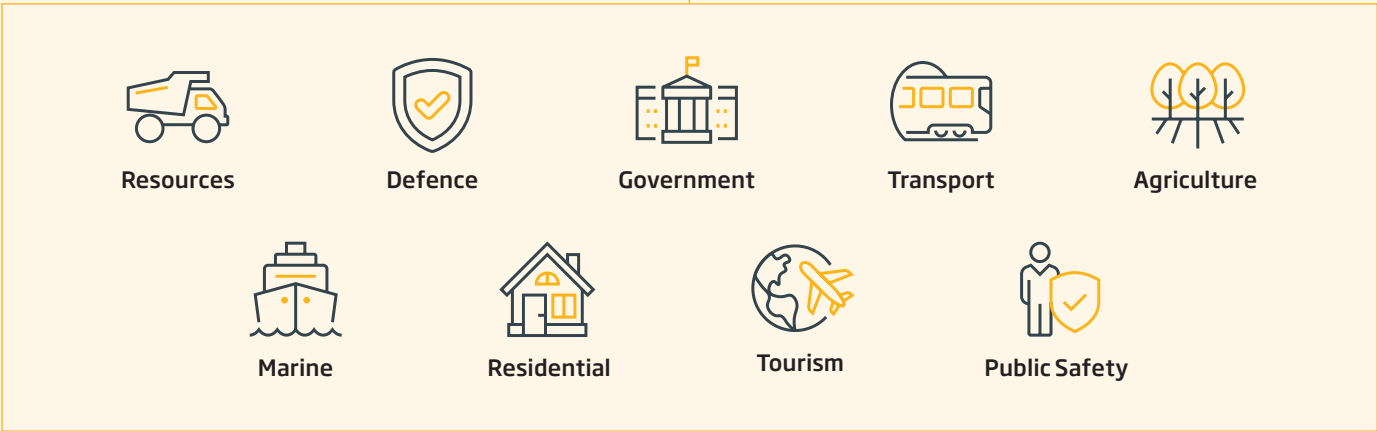


Lithium Ferro Phosphate (LFP)

Initially developed in 1996, the LFP chemistry has been employed in tens of thousands of successful applications globally.

Following comprehensive investigation by engineers around the world, the Lithium Ferro Phosphate (LFP) chemistry has been identified as the most suitable to meet requirements of applications where the safety benefits of the chemistry are paramount.

There are now tens of thousands of gen Z LFP batteries in use across Australia including Federal and State Government Departments, Defence, State Police forces, Emergency Services as well as off grid and hybrid home energy



Safe and Sustainable Energy Systems

The gen Z products have been developed to allow for safer and greater performance from stored energy systems. The gen Z batteries are the smart choice for mission-critical needs.

- LFP chemistry means that gen Z batteries are:
- Safer, non-explosive and self-extinguishing
 - More economical - longer lasting with increased charge cycles
 - Built with an integrated Battery Management System
 - Designed and engineered in Australia for Australian conditions
 - Lightweight
 - Direct replacement for many lead acid applications



Why gen Z Batteries?

You can witness what happens when a gen Z battery (with LFP cylindrical cells) is penetrated by a bullet.

