

Australian Energy Storage Supercapacitor Company





Overview

Are ionic super-capacitors better than other energy storage products?

Ionic's planar super-capacitors form the basis of our energy storage products. Our research suggests they are smaller, better, faster and have a range of other superior features to existing products: high resolution; small feature size; high throughput; complex geometries; and high conductivity.

Are super-capacitors the next step in the evolution of energy storage?

Ionic considers that super-capacitors and nano-capacitors are the next step in the evolution of energy storage. Research and development expenditure on these devices is advancing quickly and the research indicates these devices have many advantages over current battery technology.

Who owns ionic supercapacitors?

Ionic holds the exclusive worldwide licence to commercialise the key intellectual property (owned by Monash) that underpins our supercapacitors work. Ionic aims to begin generating revenue from our energy storage and photo-voltaic products by 2019. Ionic's planar super-capacitors form the basis of our energy storage products.

What are supercapacitors & how do they work?

Supercapacitors are labelled as an emerging class of energy storage device that store charge electrostatically, rather than through chemical reactions such as those found in traditional batteries.



Australian Energy Storage Supercapacitor Company



[Super Capacitors , Ionic Industries Ltd](#)

Energy Storage MarketRenewable Energy ApplicationsTransportationConsumer ElectronicsConsumer electronics will continue to be a major market for energy storage applications. We predict that Ionic's supercapacitors will enable devices to hold much more energy in the same or lesser volume, have higher peak power, be fully rechargeable within minutes, and live longer than current battery technologies. As with transportation applicati See more on ionicindustries sechsa

About Us - SECH SA

Company overview SECH designs, develops and supplies customized energy storage and power delivery solutions based on ultracapacitors, also known as supercapacitors for applications in ...

15 Top Energy Storage Companies in Australia · December ...

Dec 1, 2025 · Detailed info and reviews on 15 top Energy Storage companies and startups in Australia in 2025. Get the latest updates on their products, jobs, funding, investors, founders ...



[Energy Storage Technology in Australia](#)

Dec 5, 2025 · Allegro Energy We can have much cheaper batteries without rare metals. Born in the Hunter, Allegro's battery design uses readily available materials without compromising ...



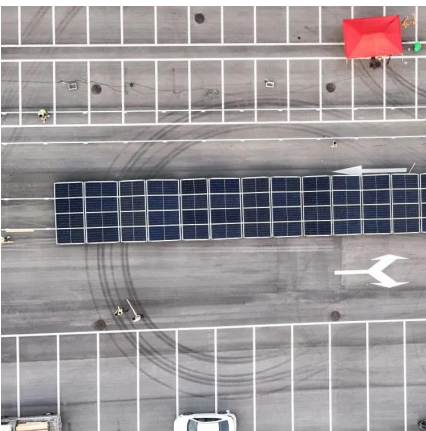
Home

Unlock the power of tomorrow's energy storage with enyGy - your gateway to revolutionary graphene-based technologies. Nestled in the heart of Melbourne, Australia, enyGy stands as a ...



Home

Unlock the power of tomorrow's energy storage with enyGy - your gateway to revolutionary graphene-based technologies. Nestled in the heart of ...



[Super Capacitors , Ionic Industries Ltd](#)

Technology Ionic's planar super-capacitors form the basis of our energy storage products. Our research suggests they are smaller, better, faster and have a range of other superior features ...





About Us

Company overview SECH designs, develops and supplies customized energy storage and power delivery solutions based on ultracapacitors, also known as supercapacitors for applications in ...



Ionic Industries

Oct 30, 2023 · Graphene-based membranes have been shown to possess extraordinary properties, making them potentially valuable in a range of different industries. Finally, a novel ...

Ionic Industries

Oct 30, 2023 · Graphene-based membranes have been shown to possess extraordinary properties, making them potentially valuable in a range of ...



[10 New Supercapacitor Companies , StartUs ...](#)

Dec 2, 2025 · This article explores the supercapacitor industry, highlighting 10 new supercapacitor companies that redefine energy storage. ...





Australian engineers hail new supercapacitor tech that may ...

Sep 17, 2025 · The supercapacitor is now being commercialised through a Monash University spinout company, Ionic Industries, which is working with energy storage partners to bring this ...

[Supercapacitor Storage Solutions , H2G](#)

H2G is the exclusive Australian supplier of Skeleton SuperCapacitors, whose technology is based on patented Curved Graphene, Skeleton's energy storage solutions represent the biggest ...



[Australia Supercapacitor Market Size, Share & Trends 2033](#)

In July 2024, EnyGy, an Australia-based energy storage solutions company, announced that it was developing a graphene-augmented supercapacitor that offered greater energy storage ...

[10 New Supercapacitor Companies , StartUs Insights](#)

Dec 2, 2025 · This article explores the supercapacitor industry, highlighting 10 new supercapacitor companies that redefine energy storage. Supercapacitors store and release large amounts of ...





Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:
<https://www.eiei.pl>

Scan QR Code for More Information



<https://www.eiei.pl>