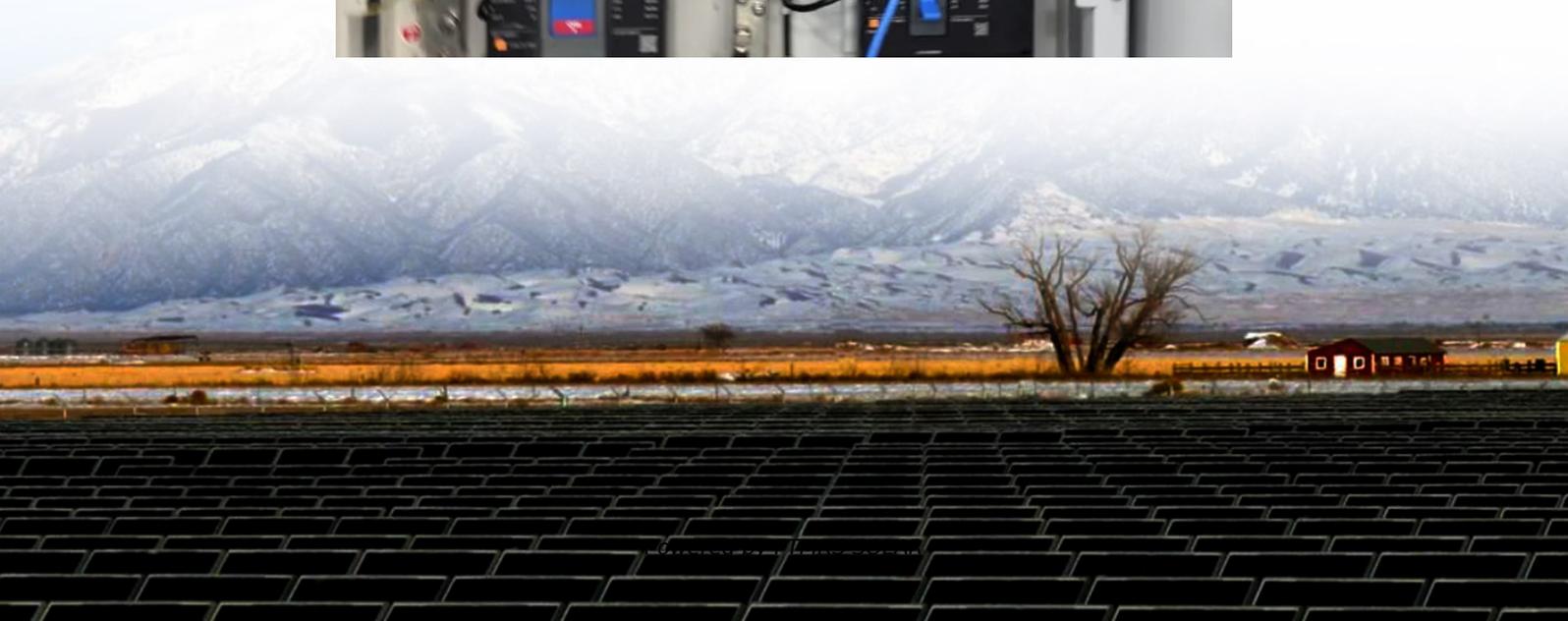


# Australian Super Discharge Capacitor Company





## Overview

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CAP-XX is a leader in the development and production of ultra-thin, prismatic and cylindrical supercapacitors. A large number of patents in this field are impressive proof of this. 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.

What is a compact supercapacitor?

Compact supercapacitor designs cater to niche markets with specific needs. Focus on miniaturization of supercapacitors for electronic devices and wearables. Engages in diverse technological solutions, including advanced energy storage products. Integrates supercapacitor technology into solar energy systems, improving energy efficiency.

Do supercapacitors store more energy than electrolytic capacitors?

Supercapacitors store more energy than electrolytic capacitors and they are rated in farads (F). Supercapacitors store electrical energy at an electrode-electrolyte interface. They consist of two metal plates, which only are coated with a porous material known as activated carbon.

What does a supercapacitor manufacturer do?

Manufactures capacitors with emphasis on supercapacitor technologies for electric applications. Manufacturing expertise ensures large production volumes to meet demand. Focus on R&D to enhance product efficiency and market adaptability. Contributes to the energy storage market with focus on supercapacitors and integrated solutions.



## Australian Super Discharge Capacitor Company

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boost converter

Jun 2, 2020 · My biggest problem is when I discharge a supercapacitor, let's say 100F 2.7V, I use a boost converter, but all boost converters have a minimum input voltage of about 0.9V. But ...

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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 ...

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Hi-Cap Energy , High Capacity Energy Storage Solutions

Super Capacitors While more expensive than LiFePo4, Super Capacitors are gaining in popularity in recent years. They reserve a distinct niche in the market due to their ability to store and ...

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PowerRESPONDER Supercapacitor by PRCap Tech

Products The PowerRESPONDER (R) product line by PRCap Tech is a well established high energy, high power supercapacitor product offered in a range of energy storage devices with ...

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Discharging a Capacitor (Formula And ...

Feb 24, 2012 · Discharging a Capacitor Definition: Discharging a capacitor is defined as releasing the stored electrical charge within the capacitor. ...

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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 super-capacitors 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 .b\_imgcap\_alttitle p strong,.b\_imgcap\_alttitle .b\_factrow strong{color:#767676}#b\_results .b\_imgcap\_alttitle{line-height:22px}.b\_imgcap\_alttitle{display:flex;flex-direction:row-reverse;gap:var(--main-smtc-padding-card-default)}.b\_imgcap\_alttitle .b\_imgcap\_img{flex-shrink:0;display:flex;flex-direction:column}.b\_imgcap\_alttitle .b\_imgcap\_main{min-width:0;flex:1}.b\_imgcap\_alttitle .b\_imgcap\_img>div,.b\_imgcap\_alttitle .b\_imgcap\_img a{display:flex}.b\_imgcap\_alttitle .b\_imgcap\_img img{border-radius:var(--smtc-corner-card-rest)}.b\_hList img{display:block}.b\_imagePair ner img{display:block;border-radius:6px}.b\_algo .vtv2 img{border-radius:0}.b\_hList .cico{margin-bottom:10px}.b\_title .b\_imagePair> ner,.b\_vList>li>.b\_imagePair> ner,.b\_hList .b\_imagePair> ner,.b\_vPanel>div>.b\_imagePair> ner,.b\_gridList .b\_imagePair> ner,.b\_caption .b\_imagePair> ner,.b\_imagePair> ner>.b\_footnote,.b\_poleContent .b\_imagePair> ner{padding-bottom:0}.b\_imagePair> ner{padding-bottom:10px;float:left}.b\_imagePair.reverse> ner{float:right}.b\_imagePair .b\_imagePair:last-child:after{clear:none}.b\_algo .b\_title .b\_imagePair{display:block}.b\_imagePair.b\_cTxtWithImg>\*{vertical-align:middle;display:inline-block}.b\_imagePair.b\_cTxtWithImg> ner{float:none;padding-right:10px}.b\_imagePair.square\_s> ner{width:50px}.b\_imagePair.square\_s{padding-left:60px}.b\_imagePair.square\_s> ner{margin:2px



```
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right:60px}.b_imagePair.square_s.reverse> ner{margin:2px -60px 0
0}.b_ci_image_overlay: hover{cursor:pointer} sightsOverlay,#OverlayIFrame.b_mcOverlay sightsOv
erlay{position:fixed;top:5%;left:5%;bottom:5%;right:5%;width:90%;height:90%;border:0;border-rad
ius:15px;margin:0;padding:0;overflow:hidden;z-index:9;display:none}#OverlayMask,#OverlayMask.
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mai-smtc-padding-card-default));margin-right:calc(-1*var(--mai-smtc-padding-card-
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en-content-x-small);color:var(--smtc-foreground-content-neutral-secondary);font:var(--bing-smtc-tex
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clamp:5;overflow:hidden;text-overflow:ellipsis}.b_acf_crsl .slide.b_crslitm>*:last-child,.b_acf_crsl
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background-ctrl-fade-on-primary-stop-0) 0%,var(--smtc-background-card-on-primary-default-rest)
60%)}.b_acf_crsl.b_fadebg .btn.prev .bg{background:linear-gradient(270deg,var(--bing-smtc-
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60%)}.b_dark .b_acf_crsl .b_slidebar .slide{background-color:unset}[dir="rtl"] .b_acf_crsl.b_fadebg
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top)!important}.b_colg_2xs .slide{margin-inline-end:var(--smtc-gap-between-content-xx-
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```



```
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tant}.b_acf_card{box-sizing:border-box;border-radius:var(--smtc-corner-card-rest);-webkit-user-sele
ct:none;user-select:none;position:relative;width:100%;height:100%}.b_acf_card.b_acf_bckgnd{back
ground:var(--bing-smtc-background-card-on-primary-alt-rest)}.b_acf_card_link{border-radius:var(--s
mtc-corner-card-rest);outline-offset:-1px;position:absolute;width:100%;height:100%}.b_acf_card_lin
k:hover{text-decoration:unset}.acf_col1_4{width:140px}.acf_col1_6{width:160px}.acf_col1{width:
88px}.acf_col2{width:200px}.acf_col3{width:312px}.acf_col4{width:424px}.acf_col5{width:536px
}.acf_col6{width:648px}.acf_col7{width:760px}.acf_col8{width:872px}.acf_col9{width:984px}.acf
_col10{width:1096px}.acf_col11{width:1208px}.acf_col12{width:1320px}.acf_row1{height:88px}.
acf_row2{height:200px}.acf_row3{height:312px}.acf_row4{height:424px}.acf_row5{height:536px
}.acf_row6{height:648px}.acf_row7{height:760px}.acf_row8{height:872px}.acf_row9{height:984p
x}.acf_row10{height:1096px}.acf_row11{height:1208px}.acf_row12{height:1320px}.b_slideexp{
margin-bottom:20px;position:relative}.b_ans>.b_slideexp>.slide:last-child,.b_ans>.b_slideexp:last-
child,.b_vPanel .b_slideexp:last-child{margin-bottom:0;padding-bottom:0}.b_slidebar
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space:nowrap}.b_slidebar .slide{white-space:normal;position:relative}.b_cards .cico,.b_slidebar
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repeat;margin:40px auto 30px;z-
index:1000}.slide_mask.hideSlideMask{visibility:hidden}.b_slidebar.b_autoslidingfade
.slide.slide_fading{opacity:1}.slide_mask,.b_slidebar.b_autoslidingfade .slide{transition:opacity .3s
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#0099bc;outline:0}.b_slidebar.enable_selecting .slide.selected::after,.b_slidebar.enable_selecting
.slide:hover::after,.b_slidebar .slide.selected::after,.b_slidebar
.slide:focus::after{content:"";height:100%;width:100%;position:absolute;left:0;top:0}.b_slideexp .b_
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align:middle;height:92px;text-decoration-color:#444;display:inline-block}.carousel_seemore
.seeAll_txt{display:block;color:#444;line-height:17px}.carousel_seemore
.seeAll_chev{display:block;height:48px;padding-bottom:12px;margin-top:15px}html[dir="rtl"]
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scrollbar{display:none}.b_slideexp .b_viewport{-webkit-overflow-
scrolling:touch}.b_overlay{position:relative}.b_overlay .btn{height:100%;position:absolute;width:2
```



```
0px;cursor:pointer;z-index:1;-moz-user-select:none;-khtml-user-select:none;-webkit-user-
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round-color:#444;opacity:.3;filter:alpha(opacity=30)}.b_overlay .btn.nobg .bg{background-
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.btn.nohover:hover .bg{opacity:.3;filter:alpha(opacity=30)}.b_overlay .btn.disabled .bg,.b_overlay
.btn.nohover.disabled .bg{opacity:.01;filter:alpha(opacity=1)}.b_overlay .btn.hidden .bg,.b_overlay
.btn.nohover.hidden .bg{opacity:.01;filter:alpha(opacity=1)}.b_overlay .btn.disabled,.b_overlay
.btn.hidden{cursor:default}.b_overlay .btn .cr{text-align:center;line-height:0}.b_overlay
.btn.bld.polecarchev.hidden .cr,.b_overlay .btn.bld.polecarchev.disabled .cr,.b_overlay
.btn.bld.rounded.hidden .cr,.b_overlay .btn.bld.rounded.disabled .cr,.b_overlay
.btn.bld.bigrounded.hidden .cr,.b_overlay .btn.bld.bigrounded.disabled
.cr{opacity:.01;visibility:unset}.b_overlay .btn.hidden .cr,.b_overlay .btn.disabled
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.cr{transform:scaleX(-1)}.b_overlay .btn.next{right:0}.b_overlay .btn .cr>div{background-
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image:url(/rp/S9lIHAMBy7JxaR5m1KRvMwDswyw.png)}.b_overlay
.acfdefaultchev.btn.next{right:0!important}.b_overlay
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.bg{opacity:unset;filter:unset}.b_overlay .acfdefaultchev.btn.disabled,.b_overlay
.acfdefaultchev.btn.hidden{display:none}.b_overlay .acfdefaultchev.btn{width:48px}.b_overlay
.acfdefaultchev.btn .bg{opacity:unset}.b_overlay .acfdefaultchev.btn.prev .cr{left:0}.b_overlay
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items:center;flex:1 0 0;align-self:stretch;width:36px;height:48px;position:absolute;margin:unset;op
acity:unset;transition:unset;border-radius:var(--smtc-corner-ctrl-lg-rest);background:var(--bing-smtc
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secondary)}.acfdefaultchev .cr:hover{background:var(--smtc-background-card-on-primary-default-
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.cr{right:-18px}@media(forced-colors:active){.acfdefaultchev
.cr{background:ButtonFace}.acfdefaultchev .cr>svg{fill:ButtonText}.acfdefaultchev
.cr:hover,.acfdefaultchev .cr:has(:focus-visible){background:Highlight}}.b_overlay
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op:50%}.vcac>div{position:relative;width:100%}.slide.b_crslitm.b_sldfitcont{width:fit-
content}#slideexp0_B10133 .slide:last-child { margin-inline-end: 0; } #slideexp0_B10133
.slide>*:last-child { margin-bottom: unset !important; } .b_acf_crsl #slideexp0_B10133c .b_slidebar
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.b_acf_crsl.hovexp #slideexp0_B10133c.b_slideexp .b_overlay .b_viewport { padding-top: 12px
!important; margin-top: -12px !important; padding-bottom: 12px !important; margin-bottom: -12px
!important; }capcomp CAP-XX - High power supercaps made in ...CAP-XX - Australia Ultra-Thin
Supercapacitors CAP-XX is a leader in the development and production of ultra-thin, prismatic and
cylindric ...
```

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How to Use Supercapacitors? A Brief Guide to the ...

Sep 2, 2022 · 1 EDLC - Supercapacitor Compared to other capacitor technologies, EDLCs (Electric Double Layer Capacitor) are outstanding for their very high charge storage capacity ...

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Supercapacitor-Ultracapacitor discharge ...

Jan 31, 2015 · info Super capacitor discharge time calculator. This calculator determines



timekeeping operation using a supercapacitor (ultracap) ...

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### Top 7 Supercapacitor & Ultracapacitors Manufacturers

Aug 16, 2024 · Explore the top 7 supercapacitor manufacturers that are leading the way in energy storage innovation. Discover industry leaders, cutting-edge technologies, and their global impact.

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### Australian engineers hail new supercapacitor tech that may ...

Sep 17, 2025 · Monash researchers say breakthrough in super capacitor tech means they could store enough energy to replace batteries in many applications.

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### CAP-XX

CAP-XX - Australia Ultra-Thin Supercapacitors CAP-XX is a leader in the development and production of ultra-thin, prismatic and cylindrical supercapacitors. A large number of patents in ...

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### Australian Super Discharge Capacitor Company

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 ...

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### Cornell Dubilier , Filter Capacitor

A leading manufacturer of high-quality capacitors, Cornell Dubilier serves companies in the power electronics industry with the goal of collaborating with them to energize ideas by arriving at the ...

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### 10 New Supercapacitor Companies , StartUs ...

Dec 2, 2025 · Explore 10 new supercapacitor companies from 150+ entrants, offering supercapacitor electrodes, solid-state electrolytes & more.

---

### Supercapacitor Automotive Batteries , Clarios

3 days ago · Clarios Supercapacitors--high-performance energy storage solutions designed to support automotive systems with rapid charge and ...

---

### Supercapacitors Companies

Supercapacitors Company List Mordor Intelligence expert advisors identify the Top 5 Supercapacitors companies and the other top companies based on 2024 market position. Get ...

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### Supercapacitors , element14 Australia

We offer a selection of electric double-layer capacitors (EDLCs), lithium ion capacitors, and miscellaneous types. A supercapacitor is a double-layer capacitor that has very high ...

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**Contact Us**

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<https://www.flightmasters.eu>

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