

CAP-X

Semiconductor
Distribution

CAPACITOR



PRODUCT CATALOGUE

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Nuvonix
By Rebound



ABOUT US

INTRODUCTION

CAP-XX is a corporation listed on the London Stock Exchange AIM market, incorporated in Australia, and headquartered in Sydney, Australia. It is known as a world leader in the design and manufacture of thin, flat supercapacitors and energy management systems used in portable and small-scale electronic devices. The unique feature of CAP-XX supercapacitors is their very high power density and high energy storage capacity in a space-efficient prismatic package. These attributes are essential in power-hungry consumer and industrial electronics, and deliver similar benefits in automotive and other transportation applications.

CAP-XX thin, prismatic supercapacitors are used in:

- Commercial and industrial electronics, such as handheld computers, point of sale terminals, telemetry units and location tracking equipment.
- Consumer handheld devices, such as digital cameras, tablet computers and mobile phones; and clean energy applications, such as energy harvesting and micro-hybrid vehicles.



QUALITY ACCREDITATIONS AND APPROVALS

Achieved ISO9001 Quality Control System Certificate, all standard products are tested and recognized UL, complying with both the European Union and China Government RoHS Directives regarding the use of hazardous substances in electrical and electronic equipment.

In addition, the products meet the European Union Directive EC 1907/2006 regarding the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Halogen-free under the draft IPC/JEDEC J-STD-709 standard for electronic components and assemblies. Supercapacitors do not contain any conflict metals.





PRODUCT PORTFOLIOS

Ultra Thin Prismatic Supercapacitors

World's thinnest High Power density
DMH 85°C @ 0.4mm thick

- Capacitance: 35mF – 2,400mF
- Operating Temperature: -40 to 85°C
- Voltage: 2.25V – 5.5V
- Single, Dual Cell



Small Cell Cylindrical Supercapacitor

Wide range of cost effective
High performance cylindrical cells

- Capacitance: 1F – 600F
- Operating Temperature: -40 to 85°C
- Voltage: 2.5V – 5.5V
- Single, Dual Cell



Lithium Ion Capacitor/ Hybrid Supercapacitor

- Capacitance: 10F – 220F
- Operating Temperature: -20 to 85°C
- Voltage: 2.5V – 3.8V
- ESR: 60 – 500mΩ



Large Cylindrical Cells

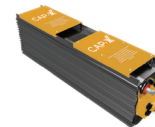
World's thinnest High Power density
DMH 85°C @ 0.4mm thick

- Capacitance: 1,200F – 3,000F
- Operating Temperature: -40 to 65°C
- Voltage: 2.85V



Large Microgrid Module

- Capacitance: 25F – 500F
- Operating Temperature: -20 to 85°C
- Voltage: 16V – 128V
- ESR: 1.8 – 15.4mΩ



TruckStart Module

- 12Vtruckstart/24Vtruckstart
- TruckStart Module Voltage: 9 – 16V
- Cold Cranking Amps: 700A (3s@0°F)
- Max Engine Size: 13L



APPLICATION AREA

