

# **Athens high temperature supercapacitor manufacturer**





## Overview

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Why do we need high-temperature supercapacitors?

The development of High-temperature supercapacitors (HTSc) has been motivated by the need for reliable energy storage systems capable of efficient operation under extreme thermal conditions, offering superior performance for critical industrial applications.

What is a high temperature supercapacitor?

High temperature supercapacitor series include 2.7v high temperature supercap and 5.5v high temperature supercap. These ultracapacitor can work under the temperature up to 85 °C. Kamcap supplies 2.3v hybrid supercapacitor HBM series.

What is the operating temperature of a supercapacitor?

Operating temperature range from -40°C to +85°C and a voltage tolerance range from 3.6V to 6.3V. These supercapacitors boast an energy density that is 8 to 10 times higher than that of EDLC (Electrochemical Double Layer Capacitors). They can withstand voltages of up to 4.2V.

Who makes supercapacitor in China?

Kamcap is one of the leading supercapacitor manufacturers in China. We supply high-quality ultracapacitors, including coin type supercapacitor, winding type supercapacitor, combined type supercap capacitor, module supercaps, high temperature supercap and hybrid capacitor.



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GTCAP graphene battery manufacturer & supplier focus on providing graphene battery, supercapacitor battery. Learn more here!

### [KAMCAP Supercapacitor, China Ultracapacitor ...](#)

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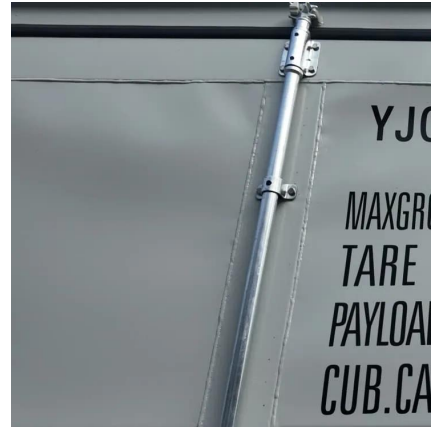


### [Advanced Capacitors Factory](#)

We mainly focuses on advanced capacitors researching, developping and customizing over 20 years. We manufacture and sell silver mica capacitors, tantalum capacitors, film capacitors, ...

### [KAMCAP Supercapacitor, China Ultracapacitor Manufacturer, ...](#)

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As a pioneer in manufacturing supercapacitors, its products range from coin, winding, and combined-type supercapacitors to module and high-temperature supercaps and hybrid ...

**High Performance Super Capacitor Manufacturer, Low Price Super Capacitor**

3. Expanded temperature range and a focus on solid-state supercapacitors that operate up to 1,025°C--a milestone for high-temperature industrial applications. These advancements mean ...



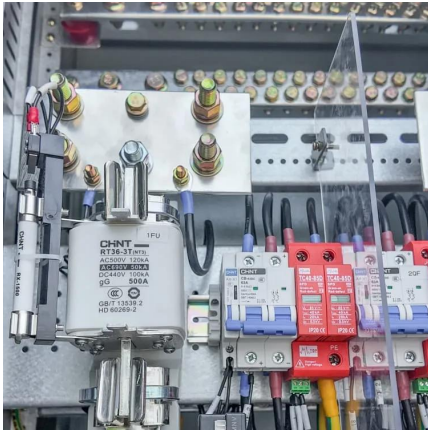
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