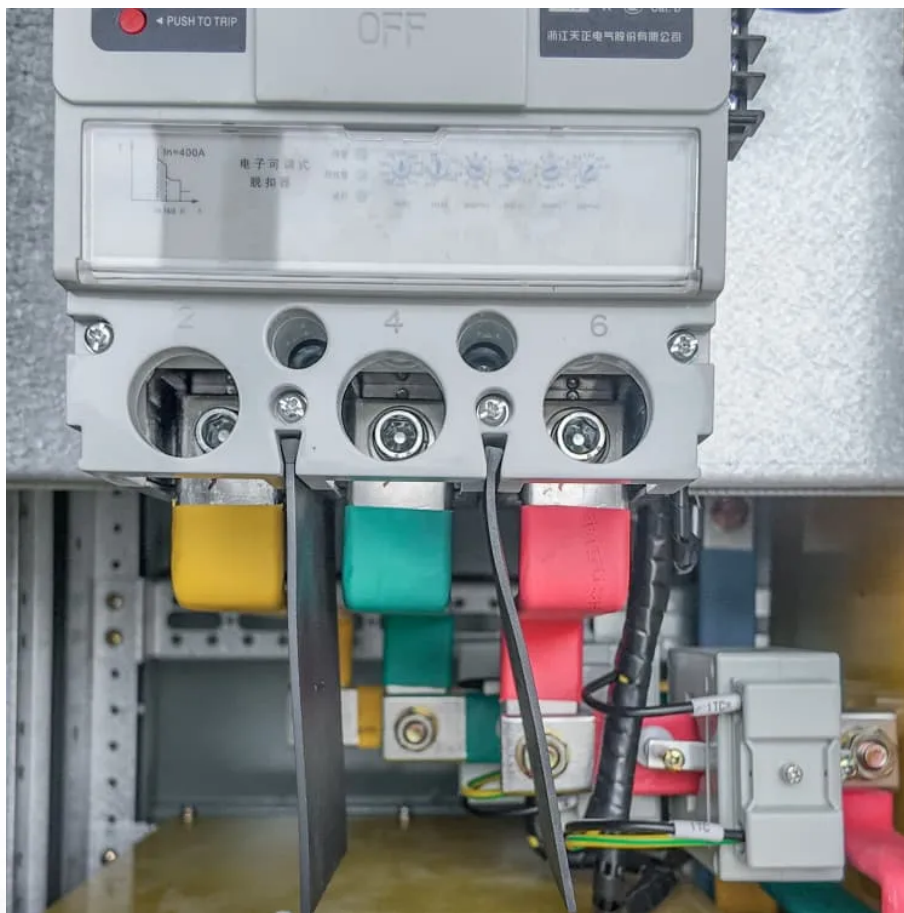


# Super energy storage capacitor price





## Overview

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What are supercapacitors?

Supercapacitors are the most advanced energy storage devices in the world. Combining the qualities of capacitors with the most advanced batteries, supercapacitors have a 10X lifespan over Lithium batteries, faster charge and discharge rates and the lowest lifetime cost of energy of any energy storage device in the world.

How much energy does a supercapacitor store?

The supercapacitor stores 22.7 joules maximum amount of energy for 5.5 volts supply. It stores 10-100 times more energy per unit mass or volume when compared to electrolytic capacitors 3). What is the difference between a battery and a supercapacitor?

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What is a super capacitor?

For those of you who don't know much about super capacitors, here is a little bit of fun theory: Super capacitors act like any other kind of capacitor, only they can store tremendous amounts of energy. Many capacitors that you'd have seen in audio circuits have capacitances such as 470uf or 680uf (micro farads).

How many times more energy can a super capacitor store?

A one farad super capacitor can store one million time more energy at a common voltage, than a 1uf capacitor, one billion times more than a 1nf capacitor, and one trillion times more than a 1pf capacitor. Cool, huh?

However, super capacitors have very small voltage ratings, such as 2.5v, 2.7v and 5.5v (Some common values).



## Super energy storage capacitor price

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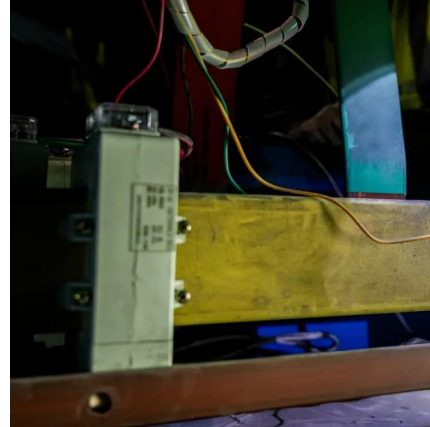
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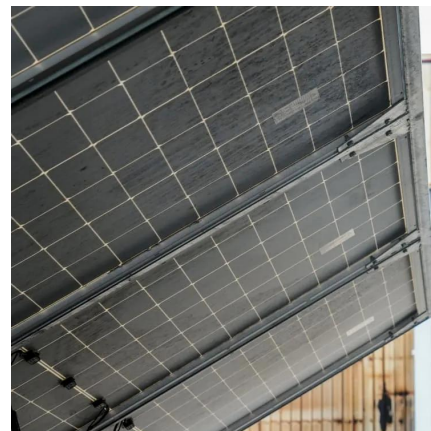


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