

Baghdad Super Aluminum Electrolytic Capacitor





Overview

Are aluminum electrolytic capacitors a good choice?

Aluminum electrolytic capacitors are an attractive solution here since they can fulfill the key requirements, such as high voltage ratings of up to 500 V, large capacitance of up to 820 μF and high ripple current capabilities at an operating temperature range of $-40\text{ }^{\circ}\text{C}$ to $105\text{ }^{\circ}\text{C}$.

What are aluminum electrolytic capacitors made of?

In aluminum electrolytic capacitors, the anode and cathode consist of highly roughened aluminum foils, whereby the roughened anode foil with the dielectric layer is rolled up between an absorbent material (usually paper).

What is the current temperature range of aluminum electrolytic capacitors?

However, the current temperature range of aluminum electrolytic capacitors is limited to $-50\text{ }^{\circ}\text{C}$ to $150\text{ }^{\circ}\text{C}$, [,] primarily restricted by the poor thermal stability of their cathode materials, such as electrolyte, MnO_2 , or conductive polymers [, , , ,].

Why should you choose TDK aluminum electrolytic capacitors?

The TDK aluminum electrolytic capacitors feature outstanding ripple current capabilities and very long-term reliability. Design flexibility and engineering expertise allow TDK to offer custom specific solutions. The capacitance of aluminum electrolytic capacitors is defined by the surface of the aluminum anode foil.



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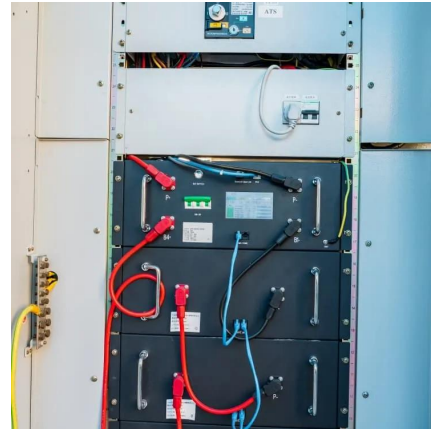


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[Acon-Official website of Shenzhen acno Electronics](#)

Acon is a leading supplier and sales service provider of aluminum electrolytic and V-Chip capacitors in China. It was established in 2006, Acon owns 50000 m2 of standard factory plant.



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ALUMINUM ELECTROLYTIC CAPACITORS

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Application Guide, Aluminum Electrolytic Capacitors

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Aluminum Electrolytic Capacitors

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Aluminum Electrolytic Capacitors

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Aluminum Electrolytic Capacitors

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Aluminum Electrolytic Super Capacitors

Types of Aluminum Electrolytic Super Capacitors
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