

This PDF is generated from: <https://www.kalelabellium.eu/Mon-30-Apr-2018-10058.html>

Title: EK Super Lithium Ion Capacitor Series

Generated on: 2026-09-04 15:25:11

Copyright (C) 2026 KALELA SOLAR. All rights reserved.

For the latest updates and more information, visit our website: <https://www.kalelabellium.eu>

These capacitors have a combination of the carbon electrodes with the Li-ion electrode that lead to the enhanced Cs and decreases anode potential which eventually ...

LIB Series Operating temperature: -20? to +65? Capacitance range: 200F to 1100F Rated voltage: 2.5V~4.0V
Shelf life: After 2 years at 25°C ...

The High Heat-resistant Lithium-ion Capacitor can be used for a vast variety of applications due to temperature range and significantly longer service life when subjected to large current.

High accurate inter-cell voltage balance control. Enables fast charge/discharge at high current. High energy density for compact light weight equipment. Higher operating voltage. Extremely ...

LIB Series Operating temperature: -20? to +65? Capacitance range: 200F to 1100F Rated voltage: 2.5V~4.0V
Shelf life: After 2 years at 25°C without load, the capacitor shall meet the ...

Lithium-Ion Capacitor. Lithium-ion capacitor is a new type of energy storage device between electric double layer capacitors and lithium-ion batteries.

Excellent reliability Supercapacitor with high power density, long cycle life, fast charging-discharging speed and high degree of safety; suitable for consumer electronics, medical ...

Introducing Eaton's family of supercapacitors, unique, ultra-high capacitance devices utilizing electric double layer capacitor (EDLC) construction. Ideal for a wide variety of applications that ...

It has been tested for safety including capacitor body penetration, external pin short circuit, and external impact on the body. There is no doubt about fire, expansion, rupture, etc., and it is a ...

Both series have a maximum working voltage of 3.8 V, an operating temperature range of -15°C to +70°C; C/85°C (3.5V) for HS and -25°C to +70°C for HSL and HSH, and ultra-low ESR. ...

Lithium-ion capacitors - also called asymmetric capacitors or superbatteries - are typically based on a graphite or $\text{Li}_2\text{Ti}_5\text{O}_4$ negative electrode (the faradaic electrode) and an activated ...

High accurate inter-cell voltage balance control. Enables fast charge/discharge at high current. High energy density for compact light ...

Web: <https://www.kalelabellium.eu>

