



Korea Energy Storage Supercapacitor Company

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The research team from the Korea Institute of Science and Technology (KIST) and Seoul National University develops a high-performance supercapacitor, which is gaining ...

As the company advanced through K-Startup Grand Challenge 2025, nanoCaps AS is demonstrating how advanced materials can break decades of stagnation in supercapacitor ...

The research team has dramatically improved the performance of existing supercapacitor devices by utilizing transition metal-based electrode materials and proposed a ...

The team also introduced a novel energy storage technology that combines supercapacitors with solar cells. To achieve this, the researchers crafted electrodes using a ...

Major firms such as LG Chem and Samsung SDI are actively investing in advanced energy storage projects, highlighting the growing relevance of supercapacitors in the energy transition.

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Korean scientists have created a breakthrough energy storage solution that merges the lightning-fast charging of supercapacitors with the high energy density of traditional ...

The developed supercapacitor has been shown to maintain stable performance even after more than 100,000



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charge and discharge tests and is durable even in high-voltage ...

Spearheaded by Dr. Bon-Cheol Ku and Dr. Seo Gyun Kim from KIST and Professor Yuanzhe Piao of SNU, this pioneering ...

Nanocap develops next-generation supercapacitor solutions including the world's first 4V unit-cell technology for SSD Power Loss Protection (PLP), ...

Nanocap develops next-generation supercapacitor solutions including the world's first 4V unit-cell technology for SSD Power Loss Protection (PLP), RTC, and smart devices. We provide high ...

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