



## high-performance energy storage

Ultra-high capacitive energy storage through We propose a microstructural strategy with dendritic nanopolar (DNP) regions self-assembled into an insulator, which simultaneously enhances breakdown strength and high-field polarizability

Supercapacitors: A promising solution for sustainable energy As the world transitions toward a more sustainable and electrified future, supercapacitors are poised to become essential, addressing the growing demand for efficient, Supercapacitors: An Emerging Energy Storage By examining emerging trends and recent research, this review provides a comprehensive overview of electrochemical capacitors as an emerging energy storage system.

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