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Dec 14, 2023 · Batteries stand as the conventional choice for energy storage, yet an exclusive reliance on them poses challenges, especially in terms of ...

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Aug 5, 2025 · 1. Introduction these days (Figure 1).[6-9] Renewable clean energy resources, including wind, hydro, and solar, represent the most viable solu-tions for tackling these ...

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Apr 1, 2025 · The global surge in demand for electronic devices with substantial storage capacity has urged scientists to innovate [1]. Concurrently, the depletion of fossil fuels and the pressing ...

Dec 14, 2023 · Batteries stand as the conventional choice for energy storage, yet an exclusive reliance on them poses challenges, especially in terms of safety. The emergence of ...

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