



SLP100A8
Lithium-Ion Battery for Energy Storage

LiFePO4
Extended Low-Temp Long Life Storage Cycle

Capacity: 100Ah (20hr rate) at 25°C (77°F)
Voltage: 3.2V (Nominal) / 3.6V (Fully Charged)
Weight: 10.5kg (23.1lb)
Dimensions: 350mm x 175mm x 125mm (13.8" x 6.9" x 4.9")

WARNING:
Do not short circuit, overcharge, or over-discharge.
Do not expose to fire or high temperatures.
Do not use in sealed or confined spaces.
Do not use in applications requiring high current discharge.

CE, RoHS, and other safety symbols are visible at the bottom.





New energy storage battery in the United States



[U.S. Battery Storage Capacity Expanded 12.3 GW in 2024](#)

A new report indicates that the nation's energy storage market added 12.3 GW of installed battery capacity in 2024. The latest U.S. Energy Storage Monitor report was released ...

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[Battery energy storage in the United States to hit 140 ...](#)

U.S. battery storage could hit 140 GW by 2030, but will interconnection delays and revenue challenges hold it back? Here's what the data suggests.

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New CESER Report Offers Supply Chain Mitigation Strategies for Battery

Battery energy storage systems (BESS) are a critical component of grid reliability and resilience today, providing rapid response capabilities while enabling grid modernization ...

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[U.S. Department of Energy Selects 11 Projects to ...](#)

WASHINGTON, D.C. -- The U.S. Department of Energy (DOE) today announced an investment of \$25 million across 11 projects to advance ...

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[National Blueprint for Lithium Batteries 2021-2030](#)

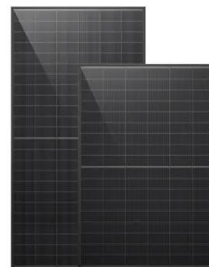
Vision for the Lithium-Battery Supply Chain By 2030, the United States and its partners will establish a secure battery materials and technology supply chain that supports long-term U.S. ...

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Energy Storage

The Energy Department is working to develop new storage technologies to tackle this challenge -- from supporting research on battery storage at the National Labs, to making investments that ...

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[Battery industry in the United States](#)

Batteries became the main energy storage technology in the United States in 2024, surpassing hydro pumped storage. After showing a year-over-year increase of 80 ...

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[U.S. Battery Storage Capacity Expanded 12.3 GW in ...](#)

A new report indicates that the nation's energy storage market added 12.3 GW of installed battery capacity in 2024. The latest U.S. Energy ...

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[State by State: An Updated Roadmap Through the ...](#)

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy ...

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[Advanced Lithium-Ion Energy Storage Battery Manufacturing ...](#)

Due to increases in demand for electric vehicles (EVs), renewable energies, and a wide range of consumer goods, the demand for energy storage batteries has increased ...

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[The state of the domestic solar and energy storage ...](#)

Battery energy storage systems Suppliers of battery energy storage systems (BESS) are beginning to set up shop in U.S., primarily driven ...

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[Growth of Renewable Energy in the US , World Resources Institute](#)

These upward trends signal that clean electricity sources are an increasingly vital part of the U.S. economy and power system, with renewable sources and battery storage making up the vast ...

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[Battery storage boomed last year, and there's more to come in 2025](#)

Better yet, recent projections from the EIA forecast 18.2 GW of new utility-scale battery storage in 2025. Even without residential or commercial storage projects, this would be ...

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[U.S.: battery energy storage companies by capacity. Statista](#)

NextEra Energy Resources, a subsidiary of NextEra Energy, was the leading battery energy storage company in the United States by operational capacity.

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[Battery energy storage in the United States to hit 140 GW by ...](#)

U.S. battery storage could hit 140 GW by 2030, but will interconnection delays and revenue challenges hold it back? Here's what the data suggests.

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[US storage market continues upward trend into 2025](#)

Sunny metaphors don't really work in the storage market, but the future does look bright. The United States closed 2024 with record-breaking storage installation numbers, and ...

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[Energy Storage , Resources & Insight , American ...](#)

Energy storage reduces energy waste, improves grid efficiency, limits costly energy imports, prevents and minimizes power outages, and allows the grid to ...

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[US energy storage set a new record in Q1 2025 but the future ...](#)

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put that growth at serious risk.

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[Ørsted Announces New Battery Energy Storage ...](#)

In the United States, the company has approximately 800 employees and a portfolio of American energy assets from the Northeast to ...

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[U.S. battery storage capacity expected to nearly double in 2024](#)

U.S. battery storage capacity has been growing since 2021 and could increase by 89% by the end of 2024 if developers bring all of the energy storage systems they have ...

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[U.S. Energy Storage Industry to Invest \\$100 Billion in ...](#)

Today's investment commitment aims to advance a manufacturing expansion in the United States that could enable American-made batteries to satisfy 100% of domestic energy storage project ...

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[US power sector battery storage momentum keeps charging on](#)

Rapid growth in the installation of batteries is upending power systems across the United States, with battery-deployed electricity volumes scaling new records nearly every month.

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12V 10AH



[Battery Energy Storage Growing on U.S. Grid. But Facing Some ...](#)

Historic amounts of energy storage, primarily lithium-ion battery systems, are being added to the U.S. grid, driven by a need to balance renewable generation and to meet load ...

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[Advanced Lithium-Ion Energy Storage Battery Manufacturing ...](#)

Advanced Lithium-Ion Energy Storage Battery Manufacturing in the United States Due to increases in demand for electric vehicles (EVs), renewable energies, and a wide range ...

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[U.S. Grid Energy Storage Factsheet](#)

Electrical Energy Storage (EES) refers to systems that store electricity in a form that can be converted back into electrical energy when needed. 1 Batteries ...

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