

SolarInvert Energy Solutions

Tokyo Battery Energy Storage

LiFePO₄ Battery, safety

Wide temperature: -20~55°C

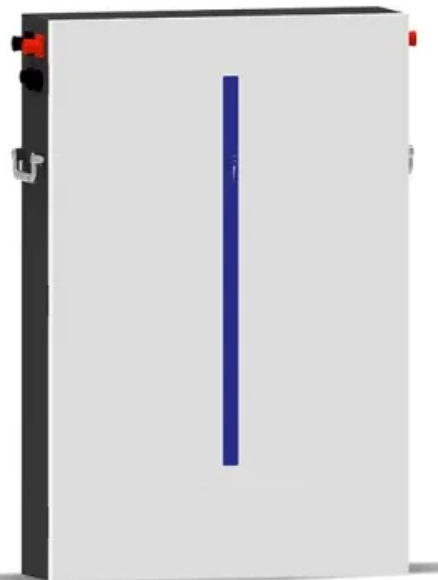
Modular design, easy to expand

Wall-Mounted&Floor-Mounted

Intelligent BMS

Cycle Life: ≥ 6000

Warranty: 10 years



Overview

Home battery storage aggregation projects have launched with participation of Tokyo Electric Power Co, and Tokyo Gas, two major utility companies in the Japanese capital. What is Tokyo's new battery energy storage system?

This battery energy storage system will be the first to be newly constructed in Tokyo and has been selected for the Tokyo Metropolitan Government's Project to Support the Introduction of Grid-Scale Batteries with an Eye on Expanding the Adoption of Renewable Energy.

Does Tokyo Gas have a battery energy storage system?

Tokyo Gas is also participating in the Japanese utility-scale battery energy storage system (BESS) market, signing a 20-year tolling offtake deal with Australian developer Eku Energy for a forthcoming 30MW/120MWh project.

What is Eku Energy's first battery storage project in Japan?

Eku Energy has announced its first battery storage project in Japan, the 30MW / 120MWh Hirohara battery energy storage system (BESS) located in Oaza Hirohara, Miyazaki City, Miyazaki Prefecture. Eku Energy has agreed a 20-year offtake agreement for the project with Tokyo Gas.

Who owns the battery storage facility in Japan?

Project financing has been arranged by MUFG Bank representing the first battery storage project they have arranged finance for in Japan. Under the offtake agreement, Eku Energy will own the BESS while Tokyo Gas will own 100% of its operating rights for 20 years, with Eku Energy responsible for the ongoing maintenance of the facility.

Where is the Hirohara battery energy storage system located?

Thank you. The Hirohara Battery Energy Storage System (BESS) is located in Oaza Hirohara, Miyazaki City, Miyazaki Prefecture. The 30MW/120MWh battery is Eku's first in Japan, and the company has agreed a 20-year offtake

agreement for the project with Tokyo Gas.

Why are battery storage systems being installed in Japan?

Several megawatt-hours of residential battery storage systems, typically paired with solar PV, are being installed in Japan on a monthly basis. This is largely due to concerns about losing power at home, given the seismic activity the country is frequently subject to, as well as extreme weather events like typhoons.

Tokyo Battery Energy Storage



Japan Energy Storage Policies and Market Overview

Jun 29, 2025 · Japan's energy storage landscape is shifting, pushed by household demand, corporate ESG mandates, and domestic battery manufacturing. The residential lithium-ion ...

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Gur?n Energy enters Japanese market to develop ...

Tokyo, Friday, 15 December 2023 - Pan-Asian renewable energy developer Gur?n Energy today announced plans to enter the Japanese market to ...

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Japan: First dedicated BESS investment fund ...

Dec 4, 2023 · The nascent grid-scale energy storage market in Japan now has its first-ever dedicated investment fund, to be jointly managed by Gore Street.

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How Japan is Driving BESS Investment

Sep 26, 2024 · A Growing Need for Energy Storage The increasing generation of renewables on the Japanese grid has led to various support policies and ...

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Stonepeak and CHC Form Japanese Battery ...

May 14, 2024 · About CHC CHC is a battery energy storage system ("BESS") project development and electricity data management company. With its ...

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Tokyo Battery

Types of Tokyo batteries Lithium-Ion Batteries The Lithium-Ion battery developed in Tokyo has become a common power supply system known for its high energy density and ...

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Ekus Energy breaks ground on 120 MWh battery storage ...

Sep 26, 2024 · With a rated output of 30 MW and a storage capacity of 120 MWh,



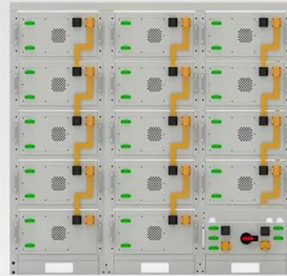
Hirohara BESS will be capable of providing four hours of electricity to approximately 63,000 households, about ...

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Tokyo Gas to buy US battery firm Longbow: Correction

Japanese gas and energy supplier Tokyo Gas plans to acquire US battery energy storage system (BESS) company Longbow in Texas, targeting to begin commercial operations of the system ...

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Battery String-S224

- 1C Charge/Discharge
- Easy configuration and maintenance
- Power supply can be single battery string or parallel battery strings



Bison Energy secures offtake, subsidies for 195 ...

May 1, 2025 · Tokyo-based green power developer Bison Energy announced that 195.75 MW of its battery energy storage system (BESS) projects have ...

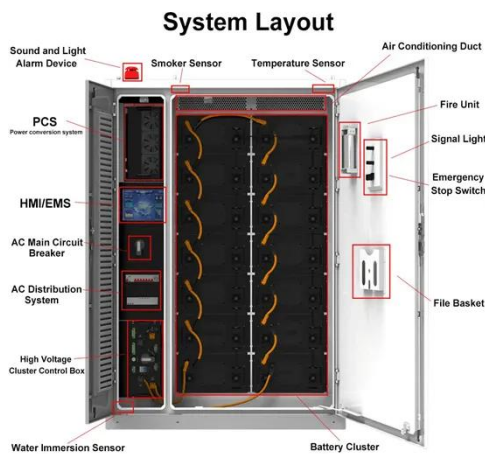
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Mitsubishi Electric Delivers High-capacity Energy-storage

...

Nov 27, 2024 · Will contribute to stable power supply with world-leading 50,000-kilowatt storage battery system
TOKYO, March 3, 2016 - Mitsubishi Electric Corporation (TOKYO: 6503) ...

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Japan's Itochu, Osaka Gas partner for battery

Jun 8, 2023 · A grid-scale battery storage project in Hokkaido, northern Japan, the only region of the country where energy storage is required for new renewable energy projects. Image: ...

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LS Electric to deploy 90MWh BESS in Japan after ...

Apr 15, 2025 · LS Electric will deploy a 20MW/90MWh battery storage system in Japan after it was awarded the contract through a competitive solicitation.

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"Battery Storage Subsidies in Japan" , Atsumi & Sakai

Feb 17, 2023 · Details Battery Storage Subsidies in Japan Introduction In the

Sixth Strategic Energy Plan, published by the Japanese Government in October 2021, targets are set to (a) ...

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Macquarie-backed Eku Energy closes first Japan ...

Apr 24, 2024 · Hazelwood, a battery storage system in Australia jointly developed by Eku with ENGIE, using BESS equipment supplied and integrated by ...

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Developer commissions first BESS in Japan to ...

Jun 27, 2023 · Milestone reached in utility-scale battery storage market development in Japan, with Pacifico Energy trading energy from two new ...

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How Japan is Driving BESS Investment

Sep 26, 2024 · Gore Street Capital and ITOCHU Corporation have been selected

by the Tokyo Metropolitan Government (TMG) to manage Japan's first fund ...

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Kamigumi to build Tokyo Uminomori Battery ...

Mar 11, 2025 · Kamigumi to build Tokyo Uminomori Battery Energy Storage System for grid-scale battery business|This page provides lists news ...

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Tokyo utilities put home battery storage in ...

Sep 5, 2024 · On Tuesday (3 September), power management company ENERES announced the start of a demonstration project to evaluate the ...

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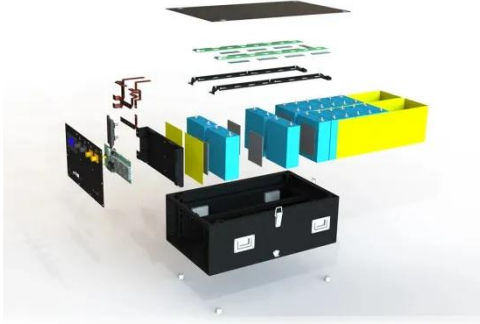


Altered Carbon: A Carbon-air Battery as a Next ...

Jan 7, 2022 · Imagine a stable power supply along with a high energy density!

This is exactly what has been developed by scientists at Tokyo Institute of ...

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12 grid-scale BESS projects totaling ...

Aug 13, 2025 · A total of 12 projects totaling 180MW/595.3MWh was awarded 13 billion yen through Tokyo's FY2024 subsidy for promoting grid-scale battery ...

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Eku Energy announces 120MWh Japanese ...

Apr 24, 2024 · Eku Energy has announced its first battery storage project in Japan, the 30MW / 120MWh Hirohara battery energy storage system (BESS) ...

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Kamigumi to build Tokyo Uminomori Battery ...

Mar 11, 2025 · This battery energy storage system will be the first to be

newly constructed in Tokyo and has been selected for the Tokyo Metropolitan

...

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Tokyo Smart Battery Energy Storage System

Rooftop solar and local battery storage has been widely adopted in many countries in recent years as the technology has become more affordable, and the cost of power from fossil fuels ...

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Hirohara Battery Energy Storage System

2 days ago · The Hirohara Battery Energy Storage System (BESS) is located in Oaza Hirohara, Miyazaki City, Miyazaki Prefecture. The 30MW/120MWh battery is Eku's first in Japan, and the ...

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Japan: Eku begins first BESS project, Gore Street ...

Oct 1, 2024 · Eku Energy begins first battery project in Japan, Gore Street has

raised funding for the country's first energy storage-dedicated fund.

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Tokyo Metropolitan Government Advances Urban Solar Battery ...

Aug 8, 2025 · Significance for Tokyo's Energy Future: The development and deployment of robust urban solar battery systems are crucial for Tokyo's future. As a global megacity, Tokyo faces ...

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Gore Street Capital Successfully Completes ...

Sep 30, 2024 · Gore Street Capital Successfully Completes Fundraising Round for Japan's Inaugural Energy Storage Fund, in Partnership with the ITOCHU ...

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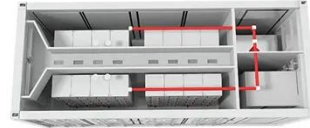
Houston energy co. secures \$118.5M for battery ...

Houston-based Tokyo Gas America has

received \$118.5 million in investment tax credits for its battery energy storage system in Brazoria County. The system

...

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Tokyo government-industry BESS fund secures over 8B yen

...

Aug 13, 2025 · The Tokyo government-industry fund was first announced in 2023. Tokyo Energy Storage Plant Investment Limited Partnership raised over 8 billion yen, Itochu Corporation, ...

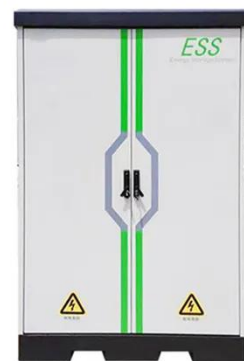
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27 grid-scale BESS projects secure 34.6B yen ...

5 days ago · A total of 27 projects was awarded 34.6 billion yen in subsidies through METI's FY2024 program for supporting the expansion of renewable

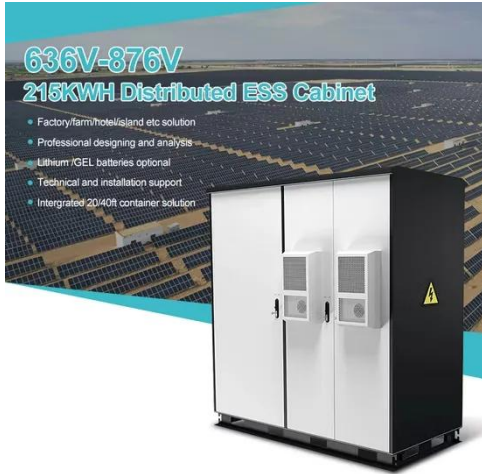
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Eku Energy breaks ground on 120 MWh battery storage ...

Sep 26, 2024 · London-headquartered



Ekus Energy has initiated the construction of the Hirohara Battery Energy Storage System (BESS) in Oh-Aza Hirohara, Miyazaki City, Miyazaki ...

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