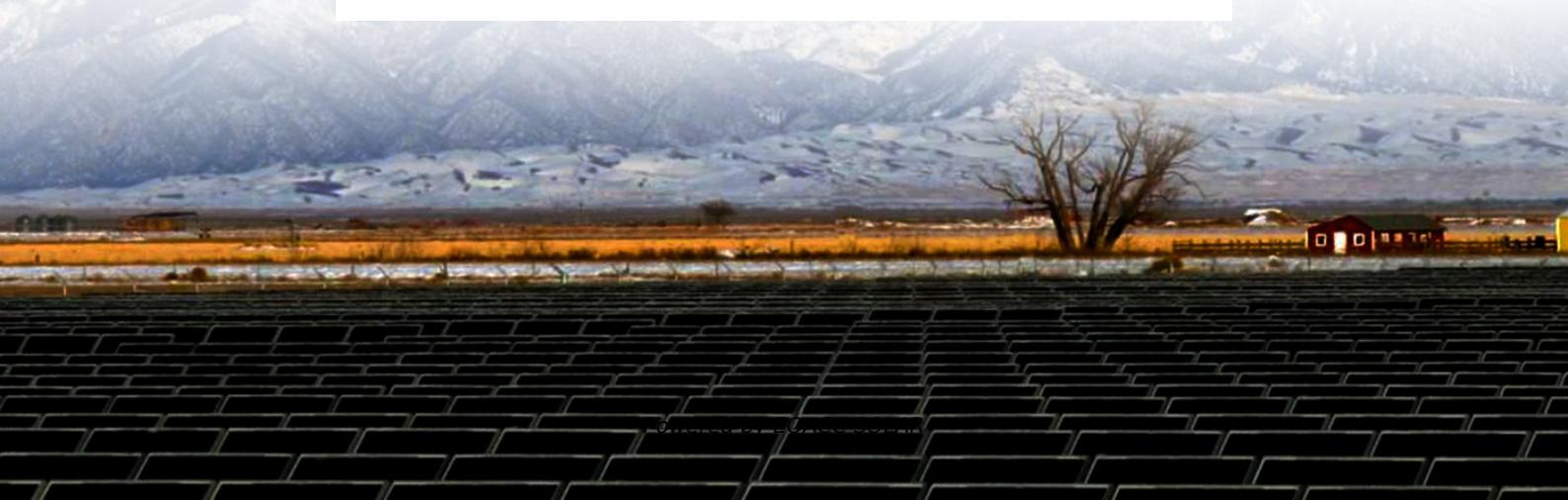
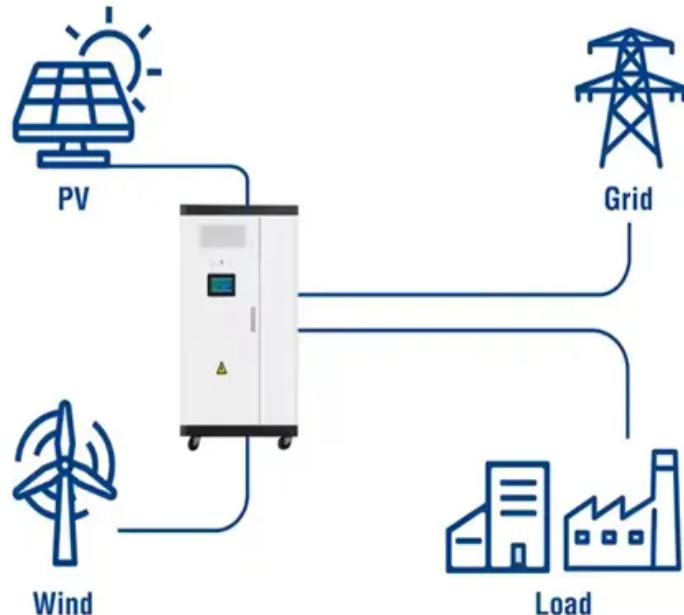


Vietnam Ho Chi Minh Coal-to-Electricity Energy Storage Products

Utility-Scale ESS solutions



Overview

Why is coal a major source of electricity in Vietnam?

Coal has been the key power generation source since 2018. Coal accounted for about 30% of installed capacity and 47% of electricity generation in 2021. The high use of coal makes Vietnam an increasingly important emitter of carbon dioxide, contributing to climate change.

Will Vietnam develop new coal-fired power plants after 2030?

3. Coal fired power plants which can no longer be developed will be replaced by LNG or RE projects. This total capacity does not include the capacity of delayed/abandoned projects (Cong Thanh, Nam Dinh I, Quang Tri, Vinh Tan III, Song Hau II). Vietnam does not have a plan to develop new coal-fired plants after 2030.

How much power will Vietnam produce in 2023-2050?

On April the Prime Minister issued Decision 262, approving the PDP8 Implementation Plan (" Plan "). It has been reported that through 2020, total installed capacity of the power generation industry had reached 69,340 MW ¹. It is estimated that during 2023-2050, Vietnam's average GDP will be 6.5%-7.5%.

Vietnam Ho Chi Minh Coal-to-Electricity Energy Storage Products



Promoting The Standardization of Energy Storage Systems In Viet Nam

A representative from Viet Nam Electricity (EVN) also shared practical experiences in applying storage systems within the national power grid, contributing to greater flexibility and ...

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Vietnam unveils plan to transition from coal ...

The plan sets a broad objective to actively engage in the global shift toward low-carbon development, mobilizing both domestic and ...

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450MWh Energy Storage Orders Secured: Two Chinese ...

On December 7, Hoenergy Energy Storage and Vietnamese enterprise AISEN officially signed a strategic cooperation agreement and a 100MWh energy storage contract in ...

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Vietnam unveils plan to transition from coal power to clean energy

The plan sets a broad objective to actively engage in the global shift toward low-carbon development, mobilizing both domestic and international resources for electricity ...

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Vietnam strengthens energy storage pathway

A prime example is its partnership with Petrolimex, Vietnam's largest fuel retailer, to pilot rooftop solar combined with battery storage at fuel stations along national highways. The two sides ...

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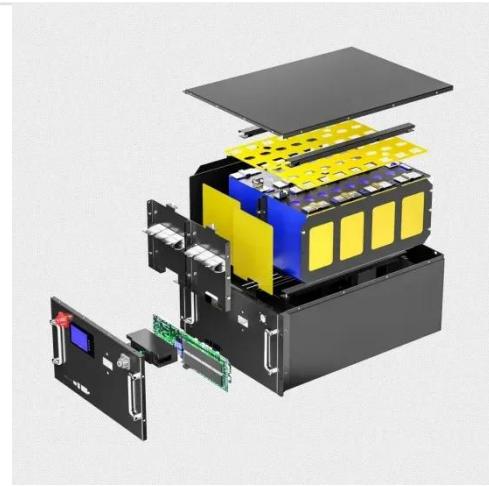


12.8V6Ah
Nominal voltage (V):12.8
Nominal capacity (Ah):6
Rated energy (Wh):76.8
Maximum charging voltage (V):14.6
Maximum charging current (A):10
Maximum peak discharge current @10 seconds (A):20
Maximum load power (W):100
Discharge cut-off voltage (V):10.8
Charging temperature (°C):0 → 50
Discharge temperature (°C):-20 → +60
Working humidity: <95% R.H (non condensing)
Number of cycles (25 °C, 0.5C, 100% DOD): >2000
Cell combination mode: 32700-4S1P
Terminal specification: T2 (6.3mm)
Protection grade: IP65
Overall dimension (mm):90*70*107mm
Reference weight (kg):0.7
Certification: UN38.3/MSDS

Benefits of Energy Storage Power Stations in Ho Chi Minh City, Vietnam

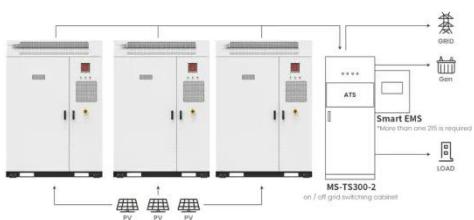
As Ho Chi Minh City rapidly urbanizes, energy storage power stations are emerging as a critical solution to stabilize the grid, integrate renewable energy, and support sustainable growth. This ...

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Vietnam's National Power Development Plan For Coal-

Fired ...



Application scenarios of energy storage battery products

In May 2023 the Prime Minister issued the long-awaited Decision 500, approving the national power development plan known as ("PDP8"). Decision 500 took effect on , and ...

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Vietnam Advances Coal-to-Clean Energy ...

By 2045, Vietnam aims to develop at least 1,160 MW of clean energy to replace coal power and transition over 25,000 MW of coal ...



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Hoenergy Signs Strategic Partnership and 100 ...

Hoenergy energy storage solutions reached a new milestone as Hoenergy officially signed a strategic cooperation agreement and a 100 ...

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Vietnam strengthens energy storage pathway

The two sides are also studying a battery-swap model for electric motorbikes in Hanoi, Ho Chi Minh City, and Danang. To

date, two pilot projects in Hanoi have been launched ...

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Vietnam Advances Coal-to-Clean Energy Transition Plan

By 2045, Vietnam aims to develop at least 1,160 MW of clean energy to replace coal power and transition over 25,000 MW of coal capacity to biomass and ammonia. By 2050, ...

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Ho Chi Minh City, Vietnam Business Project

Ho Chi Minh City, Vietnam - Peak Shaving and Valley Filling, Emergency Backup Power, May 2025 In this commercial project in Ho Chi Minh City, Vietnam, we deployed an ...

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Hoenergy Signs Strategic Partnership and 100 MWh Energy Storage

Hoenergy energy storage solutions



reached a new milestone as Hoenergy officially signed a strategic cooperation agreement and a 100 MWh energy storage deployment ...

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