

# Vietnam Home Energy Storage Battery Project



## Overview

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The project utilizes two parallel-connected 14.34 kWh floor-standing LiFePO<sub>4</sub> energy storage batteries to create a whole-home energy storage architecture, providing the local customer with long-term, stable, and expandable home energy management capabilities. In December 2025, GSL ENERGY completed the delivery and deployment of a 28.68 kWh home energy storage system in Vietnam. Vietnam is the fastest-growing energy market in Asia, according to the International Trade Administration. The system provides reliable backup power and optimized solar energy storage for daily household use. Vietnam's residential energy market is evolving. Hanoi, J- Amid a strong energy transition and Viet Nam's efforts to fulfill its commitments toward achieving net-zero emissions by 2050, the research and deployment of Battery Energy Storage Systems (BESS), along with their integration with renewable energy solutions, have become an. Marubeni Corporation, through its wholly-owned subsidiary Marubeni Green Power Vietnam Co. This project (hereinafter, "the Project") is based on a. - As Vietnam accelerates the development of wind and solar power under Power Development Plan VIII (PDP8), the national power system is facing rising demands for flexibility, stability, and controllability.

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### **Digitalizing Energy Storage to Power Vietnam's Energy Future**

In this context, energy storage, particularly battery-based systems, must evolve beyond capacity expansion and be digitalized to become essential infrastructure that ensures safe operation, ...

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### **Vietnam strengthens energy storage pathway**

Vietnam sharpened its national energy-storage roadmap this week as government leaders, technical agencies, utilities, and industrial operators aligned on the next phase of Battery ...



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### **Commencement of a Battery Energy Storage System Demonstration Project**

Marubeni Corporation, through its wholly-owned subsidiary Marubeni Green Power Vietnam Co., Ltd, has commenced a battery energy storage system ("the BESS") demonstration ...

## ACEN and AMI Renewables develop Vietnam's first grid-connected battery

The BESS project aims to demonstrate the commercial viability of battery energy storage in Vietnam and showcase the practical benefits of renewable energy, including its reliability and efficiency. It also ...



### OEM service

Hot Colors:



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LOGO Position: (Screen printing)



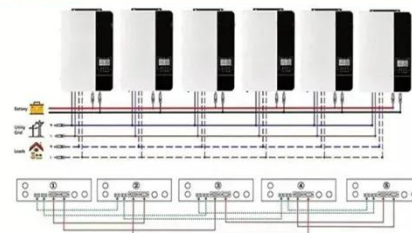
## 28kWh Home Battery System Successfully Deployed in Vietnam

In December 2025, GSL ENERGY completed the delivery and deployment of a 28.68 kWh home energy storage system in Vietnam. The project utilizes two parallel-connected 14.34 kWh floor-standing ...

## Promoting The Standardization of Energy Storage Systems In Viet Nam

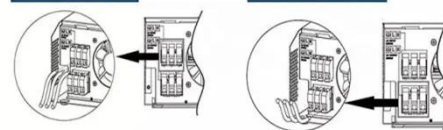
The workshop aims to promote the harmonization of national standards with international practices, while also strengthening Viet Nam's capacity in the development, testing, and certification ...

Parallel (Parallel operation up to 6 unit (only with battery connected))



AC input wires

AC output wires



## Floor-Standing Home Battery Installation in Vietnam , 28kWh with ...



This project features a 28kWh floor-standing LiFePO4 home battery installed in a Vietnamese residence and integrated with a Deye hybrid inverter. The system provides reliable backup power and ...

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## ADB supports Vietnam in developing energy storage systems to ...

Vietnam is one of the first three countries selected for a pilot program under a new partnership initiative between the Asian Development Bank (ADB) and the Global Energy Alliance for ...



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## Many challenges exist in building an energy storage market in Vietnam.

Vietnam is accelerating its plan to build one of the largest energy storage battery markets in Southeast Asia. While some progress has been made, the market remains in its infancy, with most ...



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## Pioneering Innovation with

## Vietnam's BESS Pilot Project

This study analyses and anticipates the challenges that may arise in frequency stability in Vietnam's power system by 2030, when the renewable energy integration is expected to increase, ...



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