

## Global PV Storage Insights

# Average mobile ESS unit price per 30kWh in Vietnam



## Overview

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How much does electricity cost in Vietnam?

In May 2025, and Vietnam's average electricity price per kWh was set at VND 2,204.07 or about US \$0.084, excluding value-added tax (VAT), per Decision 599/QD-EVN. This was an increase from an average electricity price per kWh of VND 2,103.1159 or about US \$0.0836, excluding value-added tax (VAT), per Decision 2699/QD-BCT, from October 2024.

Why is the demand for battery energy storage systems accelerating in Vietnam?

Export-oriented businesses, especially in manufacturing, are under growing pressure to meet stringent requirements. At the same time, the demand for battery energy storage systems (BESSs) is accelerating, driven by Vietnam's abundant renewable energy (RE) potential, particularly in solar and wind power.

Does EVN sell electricity in Vietnam?

Retail electricity prices in Vietnam are regulated and, though permitted, price rises are not all that common. This has led to EVN selling electricity below cost price — In January of 2024, it was losing as much as VND 142.5 per kilowatt-hour sold.

Why do we need battery energy storage systems in Vietnam?

At the same time, the demand for battery energy storage systems (BESSs) is accelerating, driven by Vietnam's abundant renewable energy (RE) potential, particularly in solar and wind power. However, owing to the intermittent nature of these energy sources, storage solutions are required to ensure continuous electricity supply.

Is Vietnam a good market for energy storage solutions?

Vietnam represents a promising market for German and European small and

medium-sized enterprises (SMEs) specialising in energy storage solutions, thanks to their technical expertise and established reputation in RE technologies.

How a Bess project is promoting energy storage in Vietnam?

Encouraging domestic enterprises to invest in new technologies will promote the growth of the energy storage industry in Vietnam. Investment in BESS projects in Vietnam is attracting the attention of international partners due to the country's strong potential for RE development.

## Average mobile ESS unit price per 30kWh in Vietnam

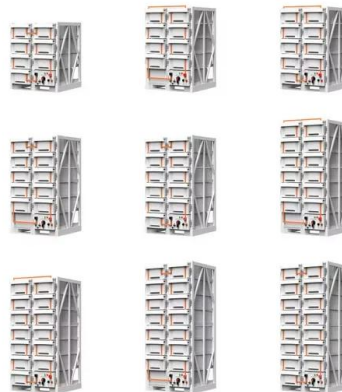


### EVN increases electricity prices, how much more will customers ...

Recently, on May 9, Vietnam Electricity Group (EVN) officially announced its decision to adjust the average retail electricity price nationwide. Accordingly, the average retail ...

### How Much Is Electricity in Vietnam? Unveiling the Costs Behind ...

The Current State of Electricity Prices in Vietnam  
 As of 2023, the average electricity price in Vietnam is approximately 1,900 VND per kWh, a figure that reflects ongoing ...



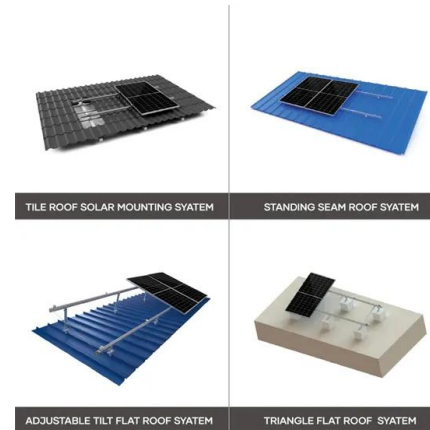
### Tewaycell 48V 51.2V 600Ah 30KWh LiFePO4 Mobile ...

?Usage?: Tewaycell 30KWh lifepo4 mobile energy storage battery features a portable design, perfect for solar home systems, power outages, off-grid living. ?Feature?: Tewaycell 48V 600Ah 30KWh lithium battery built-in active ...

### ESS Battery Price Trends and Cost-Saving Solutions for ...

Breaking Down Modern ESS Battery Economics A typical 10kWh residential storage unit now costs \$6,200-\$8,400 installed - 45% cheaper than

2020 equivalents. For commercial projects, ...



## Vietnam's retail electricity price climbs 4.8%

Hanoi (VNA) - Vietnam Electricity (EVN) on May 9 announced that the average retail electricity price will be increased by 4.8% starting from May 10, marking the fourth hike ...

## Cost of Residential Electricity Storage Battery Per kWh

Thus, our system with 5 kW peak includes a battery storage unit with a capacity of 5 kWh peak. According to the average price of 1,000 dollars per kWh of storage capacity mentioned above, ...



## BNEF finds 40% year-on-year drop in BESS costs

Around the beginning of this year, BloombergNEF (BNEF) released its annual Battery Storage System Cost Survey, which found that global average turnkey energy storage ...

## Vietnam's electricity prices rise 4.8%, marking 4th hike since 2023

Vietnam Electricity (EVN) announced on Friday the increase of the average retail electricity price by 4.8 percent starting Saturday, bringing the new rate to VND2,204.06 ...



## BESS prices in US market to fall a further 18% in ...

The average 2024 price of a BESS 20-foot DC container in the US is expected to come down to US\$148/kWh, down from US\$180/kWh last year, a similar fall to that seen in 2023, as reported by Energy-Storage.news, when CEA launched ...

## Vietnam Electricity increases average retail price by 4.8%

From 2014, each of those households is subject to monthly support of electricity equivalent to 30 kWh per month as long as their consumption is below 50 kWh monthly. ...



**LFP12V100**



## Energy Storage Cost and Performance Database

The interactive figure below presents results on the total installed ESS cost ranges by technology, year, power capacity (MW), and duration (hr). Note that for gravitational and hydrogen ...

## ESS Price per kWh in 2025: Trends, Costs, and Key Savings

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Why ESS Prices per kWh Are Dropping Faster Than Expected You've probably heard the buzz about energy storage systems (ESS) becoming more affordable, but did you know lithium-ion ...



## From tomorrow, electricity prices will increase by 4.8% to more ...

Electricity workers check the operation of electrical equipment (illustrative photo) At a press conference on the afternoon of May 9, Vietnam Electricity (EVN) announced that the ...

## Energy Storage Systems (ESS) Market in Vietnam- Manufacturing ...

New Report On Energy Storage Systems (ESS) Market in Vietnam-Manufacturing and Consumption, Outlook and Forecast 2020-2026 added to Orbisresearch store which has ...



## Vietnam Energy Storage System Market Size and Forecasts 2030

Declining Battery Costs: Falling prices of lithium-ion batteries are making energy storage systems more affordable for residential and utility-scale projects in Vietnam.

## Electricity in Vietnam 2025: Pricing, Shortages, ...

Electricity prices in Vietnam In May 2025, and Vietnam's average electricity price per kWh was set at VND 2,204.07 or about US \$0.084, excluding value-added tax (VAT), per Decision 599/QD-EVN.



## EU expects battery pack price of less than \$100/kWh ...

That trend is expected to continue. In 2026/27, the average pack price is expected to fall below \$100/kWh, based on raw material costs, competition, and pressure from alternative technology such as Na-ion ...

## Energy Storage Cost and Performance Database

The interactive figure below presents results on the total installed ESS cost ranges by technology, year, power capacity (MW), and duration (hr). Note that for gravitational and hydrogen systems, capital costs shown represent 2021 ...



## Economics of ESS Customers : r/GWH

Price per kWh of the Energy Warehouse at present is around \$475 per kWh. This is taken from the latest earning call: Each unit costs \$190,000 and each unit is rated for 400 kWh of storage.

## How to Determine the Right Size Energy Storage System for ...

Energy Consumption: Your average daily or weekly electricity usage is the foundation for sizing your ESS. Backup Power Needs: Identify essential appliances and ...



## Data Brief: LCOP and Fuel Savings for Mobile ESS at Sites

With diesel prices at an average of \$5.00 per gallon, the daily fuel cost is \$40. In contrast, charging a 30 kWh mobile ESS from the grid overnight at an average electricity rate ...

## How much does electricity cost in Vietnam?

Navigating Vietnam's Rising Electricity Costs: What Consumers Need to Know Vietnamese households and businesses are feeling the pinch of rising electricity prices. ...



## Vietnam's Electricity Pricing: What You Need to Know

Vietnam's latest retail electricity pricing framework introduces an average rate ranging from VND 1,826.22 to VND 2,444.09 per kilowatt-hour (roughly up to USD 0.10 per kWh). The new cap provides more structure and ...

## Average Price of Electricity Per kWh in the UK (2025)

Quick Takeaways on Average Price of Electricity per kWh in the UK The average electricity unit rate in the UK from 1 July to 30 September is capped at 25.73p per kWh for most households on standard variable tariffs. ...



## Vietnam's power price increases by 4.5%

Photo by VnExpress/Nguyen Thanh Vietnam's power prices increased by 4.5% to over VND2,000 (8.2 U.S. cents) per kWh starting Thursday, the second time they went up ...

## Electricity prices regulated: Maximum retail rate set at USD ...

Under this decision, the maximum average retail electricity price is capped at VND 2,444.09 per kilowatt-hour (approximately USD 0.10/kWh). The decision is based on ...



## [Electricity Calculator](#)

Electricity Calculator Use the calculator below to estimate electricity usage and cost based on the power requirements and usage of appliances. The amount of time and power that each ...

## Electricity retail price hiked by 4.8 per cent

Electricity of Vietnam (EVN) has announced an increase in the average electricity retail price by 4.8 per cent, effective from October 11.



## Commercial & Industrial ESS Solutions

Our Commercial & Industrial ESS Solutions caters to the energy demands of various business scenarios, achieving peak shaving and valley filling.

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