

# ASEAN Home Energy Storage System Industry Research Report 2026-2030

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## Abstracts

A home energy storage system is an electrical energy storage and energy management system installed in residential settings.

Home energy storage has gradually emerged as a vital component of the new energy industry, driven by the global transition to new energy, the rapid proliferation of distributed photovoltaics and the growing demand among households for energy independence.

Energy storage paired with photovoltaics currently constitutes the primary application form. Specifically, it involves integration with rooftop PV systems to increase the rate of solar self-consumption and reduce reliance on the public power grid.

According to CRI analysis, home energy storage is gradually evolving from a mere backup power product into a core component of home energy management infrastructure, driven by rapidly growing electricity demand in Southeast Asia, rising penetration rates of distributed photovoltaics, grid instability and rising electricity prices.

The Philippines, Indonesia, and Vietnam have long faced issues of frequent power outages and weak grid stability, leading to a continuously rising demand among residents for backup power sources and energy independence.

Rising costs of imported fossil fuels are driving up residential electricity prices, prompting households to increase their self-consumption of electricity through 'photovoltaic + energy storage' systems in order to reduce their electricity expenses.

Over the next 3–5 years, the ASEAN home energy storage market is expected to enter

a period of rapid growth, with its long-term growth logic appearing relatively clear.

CRI recommends that global manufacturers of home energy storage systems, energy storage equipment distributors, international energy storage brands and investment institutions conduct timely market research on the ASEAN region to prepare for their strategic entry into the ASEAN energy storage market.

## **Key Contents**

Overview of the Home Energy Storage System Industry in ASEAN

Economic and Policy Environment of Home Energy Storage System Industry in ASEAN

Analysis of the Home Energy Storage System Industry in Major ASEAN Countries

Market Size of Home Energy Storage System in ASEAN (2021–2025)

Analysis of Key Companies in the ASEAN Home Energy Storage System Industry

Key Drivers and Market Opportunities of Home Energy Storage System Industry in ASEAN

What are the key drivers, challenges, and opportunities for the ASEAN Home Energy Storage System industry during the forecast period of 2026–2030?

Which companies are the major market players in the ASEAN Home Energy Storage System industry and what are their competitive advantages?

What is the projected revenue for Home Energy Storage System market in ASEAN during the forecast period of 2026–2030?

What strategies have major market players adopted to increase their market share within this industry?

Which segment of the ASEAN Home Energy Storage System market is

expected to dominate the market by 2030?

What are the major headwinds facing the ASEAN Home Energy Storage System industry?

How can foreign capital enter the Home Energy Storage System industry in ASEAN?

## Contents

### **1 OVERVIEW OF ASEAN**

- 1.1 Geography
- 1.2 Demographic Structure
- 1.3 Economic Situation
- 1.4 Minimum Wage Standards

### **2 OVERVIEW OF THE HOME ENERGY STORAGE SYSTEM INDUSTRY**

- 2.1 Definition and Classification of the Home Energy Storage System Industry
  - 2.1.1 Industry Definition
  - 2.1.2 Classification
- 2.2 Analysis of Home Energy Storage System Industry Chain
- 2.3 Policy Environment of Home Energy Storage System Industry in ASEAN
- 2.4 CRI's Suggestions for Foreign-Invested Enterprises Investing in the ASEAN Home Energy Storage System Industry

### **3 ANALYSIS OF SUPPLY AND DEMAND IN THE ASEAN HOME ENERGY STORAGE SYSTEM INDUSTRY**

- 3.1 Supply Analysis of the Home Energy Storage System Industry in ASEAN
  - 3.1.1 Home Energy Storage System Supply Structure in ASEAN
  - 3.1.2 Production and Manufacturing Status of Home Energy Storage Equipment in ASEAN
  - 3.1.3 Factors Influencing Home Energy Storage System Manufacturing in ASEAN
- 3.2 Demand Analysis of the Home Energy Storage System Industry in ASEAN
  - 3.2.1 Market Sizes
  - 3.2.2 Residential Electricity Rates
  - 3.2.3 Demand Drivers

### **4 IMPORT AND EXPORT OF THE HOME ENERGY STORAGE SYSTEM INDUSTRY IN ASEAN**

- 4.1 Import Overview of Home Energy Storage Devices in ASEAN
  - 4.1.1 Import Volume of Home Energy Storage Devices in ASEAN
  - 4.1.2 Major Sources of Home Energy Storage Devices Imports in ASEAN
- 4.2 Export Overview of Home Energy Storage Devices in ASEAN

- 4.2.1 Export Volume of Home Energy Storage Devices in ASEAN
- 4.2.2 Major Destinations for Home Energy Storage Devices Exports in ASEAN

## **5 ANALYSIS OF THE HOME ENERGY STORAGE SYSTEM INDUSTRY IN MAJOR ASEAN COUNTRIES**

### 5.1 Singapore

- 5.1.1 Overview of the Home Energy Storage System Industry
- 5.1.2 Analysis of Home Energy Storage System Market Supply and Demand

### 5.2 Malaysia

- 5.2.1 Overview of the Home Energy Storage System Industry
- 5.2.2 Analysis of Home Energy Storage System Market Supply and Demand

### 5.3 Thailand

- 5.3.1 Overview of the Home Energy Storage System Industry
- 5.3.2 Analysis of Home Energy Storage System Market Supply and Demand

### 5.4 Indonesia

- 5.4.1 Overview of the Home Energy Storage System Industry
- 5.4.2 Analysis of Home Energy Storage System Market Supply and Demand

### 5.5 Vietnam

- 5.5.1 Overview of the Home Energy Storage System Industry
- 5.5.2 Analysis of Home Energy Storage System Market Supply and Demand

## **6 ANALYSIS OF THE TOP 5 HOME ENERGY STORAGE SYSTEM COMPANIES IN ASEAN**

### 6.1 Sungrow

- 6.1.1 Company Overview
- 6.1.2 Operations Status

### 6.2 Huawei Digital Power

- 6.2.1 Company Overview
- 6.2.2 Operations Status

### 6.3 LG Energy Solution

- 6.3.1 Company Overview
- 6.3.2 Operations Status

### 6.4 Tesla

- 6.4.1 Company Overview
- 6.4.2 Operations Status

### 6.5 GG Power

- 6.5.1 Company Overview

## 6.5.2 Operations Status

# **7 OUTLOOK OF HOME ENERGY STORAGE SYSTEM INDUSTRY IN ASEAN 2026-2030**

## 7.1 Analysis of Development Factors of Home Energy Storage System Industry in ASEAN

### 7.1.1 Drivers and Growth Opportunities of Home Energy Storage System Industry in ASEAN

### 7.1.2 Threats and Challenges Facing of Home Energy Storage System Industry in ASEAN

## 7.2 Forecast of Supply for Home Energy Storage System Industry in ASEAN

## 7.3 Forecast of Demand for Home Energy Storage System in ASEAN

## 7.4 Forecast of Imports and Exports for Home Energy Storage System Industry in ASEAN

## List Of Charts

### LIST OF CHARTS

Chart Total Population in ASEAN, 2021–2025

Chart Per Capita GDP in ASEAN, 2021–2025

Chart Policies Related to the Energy Storage System Industry Issued in ASEAN, 2021–2025

Chart Market Size for Home Energy Storage System in ASEAN, 2021–2025

Chart Market Size for Home Energy Storage System in Singapore, 2021–2025

Chart Market Size for Home Energy Storage System in Malaysia, 2021–2025

Chart Market Size for Home Energy Storage System in Thailand, 2021–2025

Chart Market Size for Home Energy Storage System in Indonesia, 2021–2025

Chart Market Size for Home Energy Storage System in Vietnam, 2021–2025

Chart Imports of Home Energy Storage Devices in ASEAN, 2021–2025

Chart Exports of ASEAN's Home Energy Storage Devices, 2021–2025

Chart Market Size Forecast of Home Energy Storage System in ASEAN, 2026–2030

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