

# Vietnam Large Diesel Generator Set Import Guide 2023-2025

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## Abstracts

### Introduction

To help global large diesel generator set manufacturers, exporters, and related suppliers efficiently expand into the Vietnamese market, CRI releases the 'Vietnam Large Diesel Generator Set Import Guide 2023-2025.' The guide provides an overview of the Vietnamese Large Diesel Generator Set industry, import market, and import company information for the period.

The types of importing companies are diverse, including energy companies, power and infrastructure companies, electrical equipment distributors and specialized generator dealers etc. This guide features the top 10 importing companies, including company profiles, contact information, and important information such as import volume, value, price, import resources, and major suppliers for 2023-2025 (including Excel data source).

The publication of the 'Vietnam Large Diesel Generator Set Import Guide 2023-2025' aims to provide large diesel generator set exporters with precise customer acquisition channels, helping them expand into the Vietnamese market more efficiently. It also provides valuable decision-making insights into international trading companies and investment institutions, helping them optimize their regional supply chain strategies. This guide will help suppliers stay abreast of Vietnamese market trends, mitigate potential risks, and enhance their international competitiveness.

### Industry Overview

Large diesel generator sets primarily serve sectors such as industrial manufacturing,

infrastructure construction, energy supply, and commercial real estate, and are essential equipment for ensuring production continuity and providing emergency power in Vietnam.

With the rapid expansion of Vietnam's manufacturing sector, continuously growing electricity demand, and regional power supply instability, large diesel generator sets have become a critical backup power source for many local and foreign-owned businesses.

Market demand primarily comes from industrial parks, electronics manufacturers, heavy industry factories, petrochemical companies, mining operations, telecommunications operators, large hospitals, and commercial complexes. Furthermore, the rapid growth of data centers has become an emerging source of demand for large diesel generators, requiring higher stability and lower emissions.

In recent years, Vietnam's economy has maintained high growth, leading to a rapid increase in industrial electricity demand. However, the pace of grid expansion and seasonal power generation capacity still face periodic gaps. Particularly in the southern region, occasional power shortages have prompted businesses to increase their investment in backup power. This has driven up demand for large-scale generator sets.

Local Vietnamese companies are primarily responsible for assembly, sales, and maintenance services. However, they still heavily rely on imports for core components, especially international brands such as Cummins, Caterpillar, Mitsubishi Heavy Industries, Volvo Penta, and Perkins.

In the future, the large-scale diesel generator industry in Vietnam is expected to maintain stable growth. This growth will be driven primarily by factors such as industrial expansion, increased foreign investment in manufacturing, insufficient grid stability, and the construction of data centers.

## **Import Market Overview**

The demand for large diesel generator set is growing in Vietnam, but local production capacity is limited, and the country is highly dependent on imports.

According to CRI analysis, Vietnam's large diesel generator set market exhibits a clearly export-oriented structure, with imported equipment dominating, especially for medium and large units above 650kVA, which are almost entirely dependent on overseas

supplies. Driven by factors such as manufacturing expansion, data center construction, grid load growth, and seasonal peak electricity consumption, Vietnam's demand for large standby generators continues to rise, leading to a steady increase in imports.

Vietnam's imports of large diesel generator set continue to increase. China is the largest import source.

According to CRI statistics, approximately 54 importers in Vietnam imported large diesel generator set in 2024, totaling US\$155 million, a 4.8% year-on-year increase. According to CRI analysis, Vietnam's total imports of large diesel generator set reached US\$122 million from January to September 2025, an increase of approximately 6.3% compared to the same period in 2024. China was Vietnam's the largest import source of large diesel generator set, accounting for approximately 43.1% of total imports from January to September 2025.

## **Overview of Foreign Investment in Vietnam's Large Diesel Generator Set Industry**

### ***Investment Background***

On the one hand, with the rapid expansion of foreign-invested manufacturing industries such as electronics, semiconductors, machinery processing, and auto parts in Vietnam, the demand for stable power supply from industrial enterprises has increased significantly. However, the Vietnamese power grid still experiences regional load constraints, prompting manufacturing enterprises, data centers, and large-scale projects to configure high-power diesel generators as backup power, driving continued growth in market demand. On the other hand, global data center operators and local leader Viettel IDC are accelerating their expansion in Vietnam, and their core businesses are highly dependent on highly reliable backup power systems, which has further fueled the rapid expansion of the high-end diesel generator market.

### ***Investment Advantages***

1. Political stability and rapid economic development. The Vietnamese government has strong governing capabilities, consistent policies, and a focus on economic development and improving people's livelihoods.
2. Relatively low labor costs.
3. Strategically located in the eastern part of the Indochina Peninsula, with a

3,260-kilometer coastline and numerous ports, transportation is convenient.

4. Relatively relaxed policies and regulations provide foreign investors with comprehensive legal protection and generous preferential policies.

5. Vietnam has a high level of openness to the outside world, with 19 free trade agreements signed or in progress. Investors can use platforms such as RCEP and the China-ASEAN Free Trade Area to explore a broader international market.

### ***Investment Regulations***

Vietnam has largely opened its market to foreign investment in the large diesel generator industry, allowing wholly foreign-owned enterprises to engage in generator production, assembly, trade, and after-sales service. Enterprises can establish factories or trading companies to conduct imports and distribution. If the project is in an industrial park or high-tech park, foreign-invested enterprises can also enjoy preferential policies such as corporate income tax, tax exemption on imported equipment, and land rent reduction.

### **Guide Highlights:**

#### ***Comprehensive Coverage:***

This directory includes major importers in Vietnam, including energy companies, power and infrastructure companies, electrical equipment distributors and specialized generator dealers etc.

#### ***Detailed Information:***

Including basic information about the TOP10 importers, contact information, import quantity, import value, price, import source and main suppliers.

#### ***Product Focus:***

With data-driven and market-oriented approach, we focus on key industries and conduct in-depth analysis of Vietnam's import policies, market demand and major sources of supply. Whether you are a foreign trade company, an investment institution, or a practitioner upstream or downstream of the industrial chain, you can quickly find reliable information and practical strategies here.

***Efficient Connectivity:***

The guide has a clear format and includes Excel data, which facilitates quick screening, group management and batch contact, helping global suppliers to efficiently connect with the Vietnamese market.

***Market Value:***

The guide includes an overview of Vietnam's large diesel generator set industry, an overview of the import market, and a brief analysis of market demand trends, helping global suppliers seize the Vietnamese market and opportunities.

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