

2025 Compact Substation Price List: Costs, Specs, and Buyer's Guide

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Zheng Ji

Senior Electrical Engineer at PINEELE

Zheng Ji has over 18 years experience designing medium and high voltage equipment

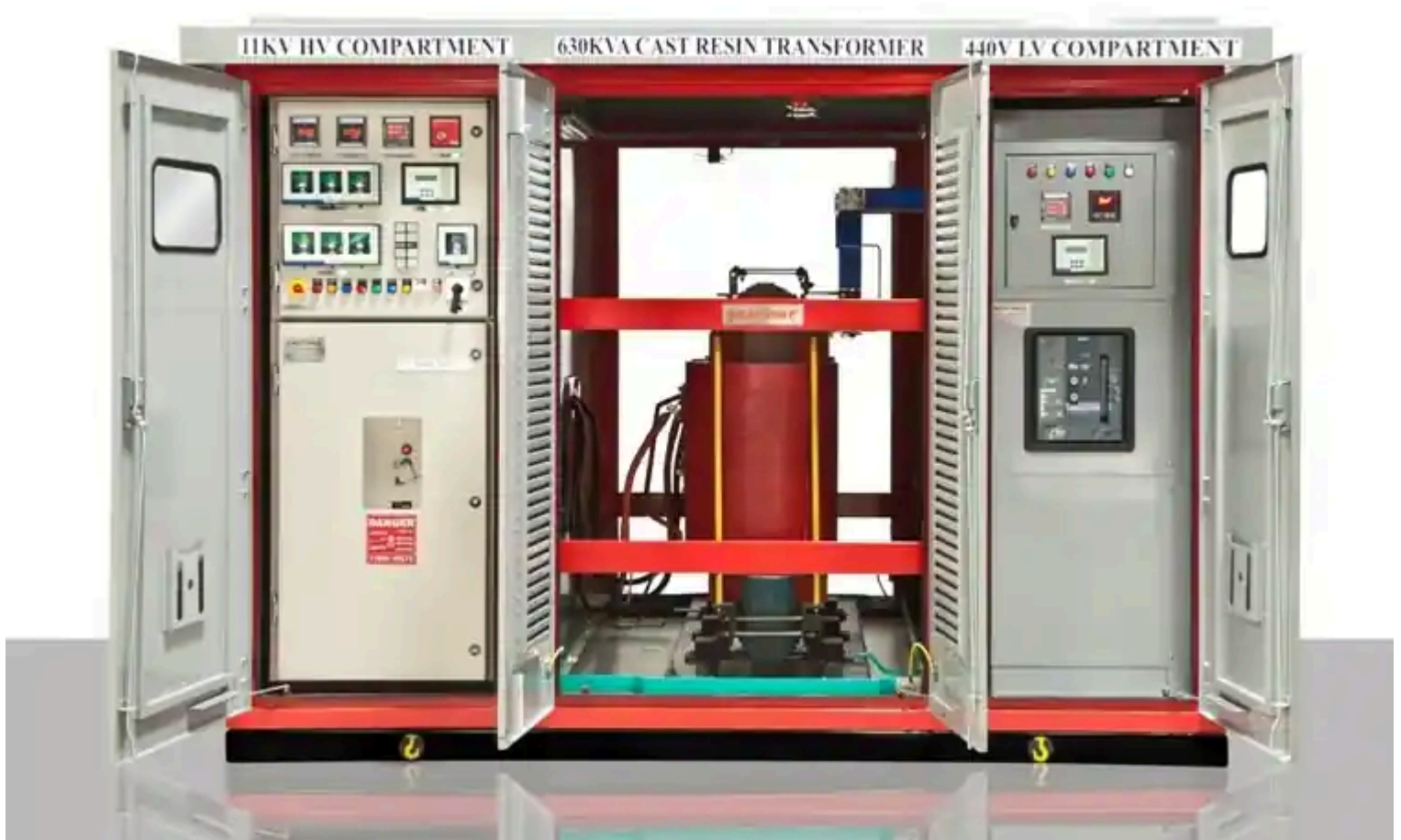
[Home](#) » 2025 Compact Substation Price List: Costs, Specs, and Buyer's Guide

Table of Contents

- What Is a Compact Substation?
- Key Factors That Influence Compact Substation Pricing
- Sample Compact Substation Price List for 2025
- Why Choose PINEELE Compact Substations?
- How to Get a Tailored Quote
- Popular Applications of Compact Substations
- Frequently Asked Questions (FAQs)

When it comes to powering urban neighborhoods, industrial sites, or commercial hubs, **compact substations** are a go-to choice. Their modular design, safety features, and ability to fit in tight spaces make them a smart solution for modern projects. If you're a project manager, engineer, or procurement specialist, understanding the **compact substation price list for 2025** is a must for budgeting and decision-making. This guide breaks down costs, key factors, and everything you need to know to pick the right unit for your needs.





What Is a Compact Substation?

A **compact substation**—sometimes called a packaged or prefabricated substation—is a pre-assembled unit that combines three key components:

- **High-voltage switchgear:** Manages incoming power.
- **Transformer:** Steps voltage up or down.
- **Low-voltage distribution board:** Distributes power to end users.

All of this fits into a single, weatherproof enclosure, perfect for outdoor setups or cramped locations. Whether it's a bustling city or a remote site, these substations deliver reliable electricity with minimal fuss.

Key Factors That Influence Compact Substation Pricing

The **cost of a compact substation** isn't one-size-fits-all—it depends on your project's specifics. Here are the main factors driving the price:

1. **Rated Power (kVA):** Options range from 250kVA to 2500kVA. Bigger capacity means a heftier price tag due to larger transformers and components.
2. **Primary Voltage:** Common setups include 11kV, 22kV, or 33kV. Higher voltages often require pricier gear.
3. **Transformer Type:**
 - **Oil-immersed:** Cheaper upfront but needs regular maintenance.

• **Dry-type:** Costs more initially but is low-maintenance.



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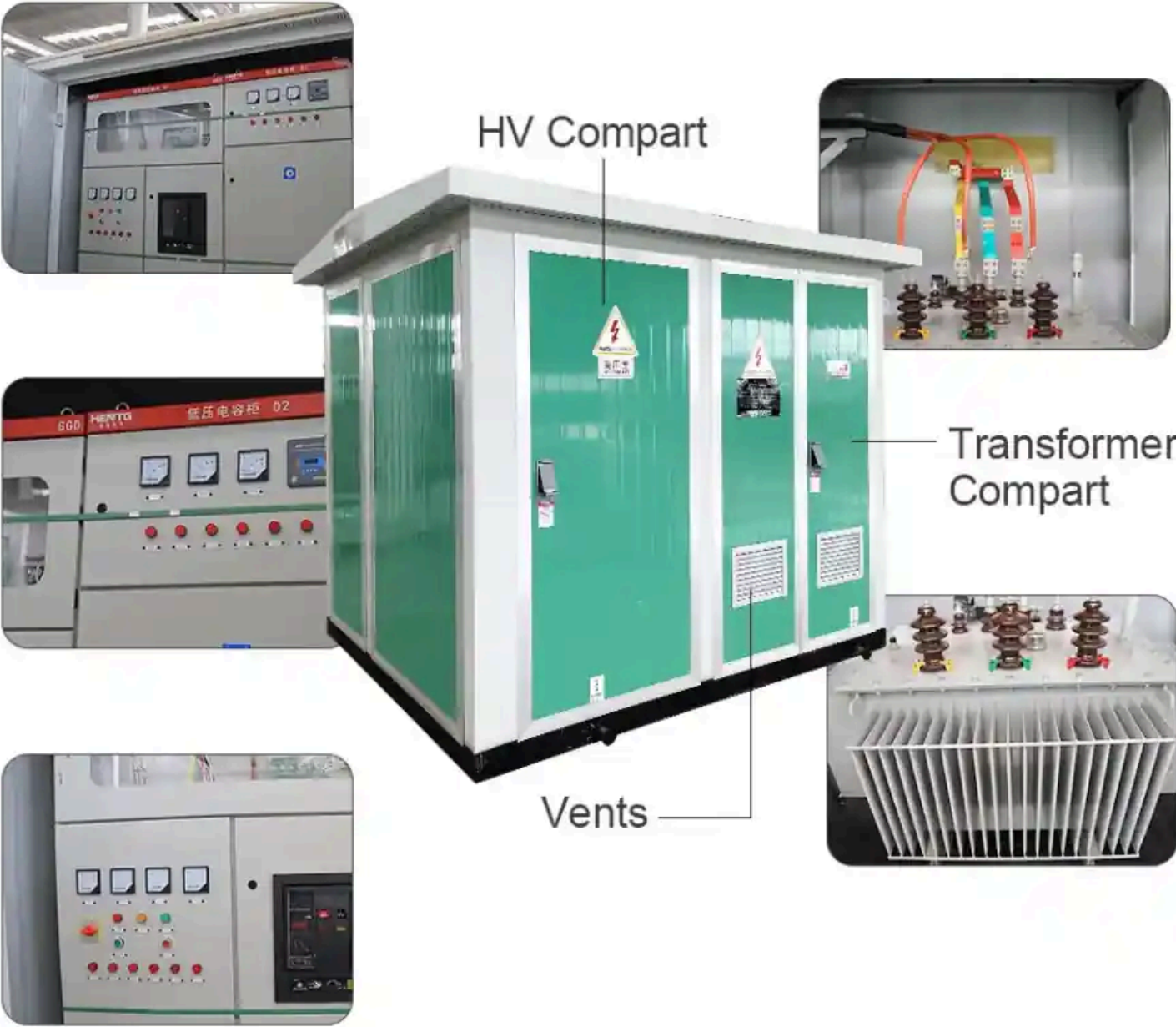


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- 4. **Enclosure Material:** Choices like galvanized steel (budget-friendly), stainless steel (rust-resistant), or aluminum alloy (lightweight) affect durability and cost.
- 5. **Internal Layout:** Configurations like a **Ring Main Unit (RMU)** or switch-disconnector add functionality—and expense.
- 6. **Extras:** Features like remote monitoring, surge protection, or **IEC compliance** can bump up the total.

Knowing these variables helps you estimate costs and avoid surprises when planning for 2025.



Sample Compact Substation Price List for 2025

Here's a sneak peek at estimated prices for compact substations in 2025. Keep in mind these are ballpark figures—actual costs depend on customization, shipping, and market trends.

CITY	VOLTAGE	TRANSFORMER TYPE	PRICE RANGE (USD)
			
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CAPACITY	VOLTAGE	TRANSFORMER TYPE	PRICE RANGE (USD)
500kVA	11kV	Oil-Immersed	\$9,000 – \$11,000
630kVA	33kV	Oil-Immersed	\$12,500 – \$14,800
1000kVA	33kV	Dry-Type	\$18,000 – \$22,000
1600kVA	33kV	Oil-Immersed	\$21,000 – \$26,000
2000kVA	33kV	Oil-Immersed	\$27,000 – \$33,000
2500kVA	33kV	Dry-Type	\$34,000 – \$42,000

Disclaimer: Prices are approximate and may shift based on your specs or currency fluctuations (quoted in USD).

Why Choose PINEELE Compact Substations?

Looking for a reliable supplier? **PINEELE** stands out in the world of medium-voltage compact substations. Here’s why they’re a top pick:

- **Tough Build:** Designed to handle extreme weather and tough conditions.
- **Seamless Fit:** Easy to install and works with local grid rules.
- **Low Upkeep:** Quality parts mean less maintenance over time.
- **Trusted Globally:** Used by contractors and utilities in multiple industries.

PINEELE’s team customizes each unit to match your project, ensuring compliance with **IEC standards** and local requirements.

How to Get a Tailored Quote

Getting a custom price is straightforward with PINEELE. Here’s what to do:

1. **List Your Needs:**
 - Capacity (e.g., 500kVA or 1000kVA)
 - Voltage (primary and secondary)
 - Transformer type (oil or dry)
 - Switchgear setup (e.g., RMU)
 - Enclosure preferences (e.g., IP54 weatherproofing)
2. **Reach Out:** Submit your details via PINEELE’s website or email.
3. **Get Your Quote:** Expect a detailed response within 24 hours.

 Click here to request your free quote.

Popular Applications of Compact Substations

- **Renewable Energy:** Powers solar farms and wind turbines efficiently.
- **Transportation:** Keeps rail and metro stations running smoothly.
- **Mining & Oilfields:** Built tough for remote, rugged sites.
- **Industrial Zones:** Scales up to meet factory or warehouse demands.

Their versatility makes them a favorite for projects big and small.

Frequently Asked Questions (FAQs)

Q: Can I negotiate prices for bulk orders?

Yes! Larger orders often come with discounts and faster production timelines. Reach out to PINEELE for details.

Q: Do you provide design drawings before I buy?

Definitely. PINEELE offers free drawings and tech support to nail down your specs.

Q: How long does shipping take?

Typically 20–30 working days, depending on order size and complexity.

Q: What's the lifespan of a compact guide substation?

With proper care, expect 25–30 years of solid performance.

Navigating the **2025 compact substation price list** doesn't have to be overwhelming. With prices starting at \$6,800 for a 250kVA unit and reaching \$42,000 for a 2500kVA dry-type model, there's a solution for every budget. By understanding factors like capacity, voltage, and features, you can make a smart choice for your project. PINEELE's tailored, high-quality substations are a great place to start.

Need a quote? Contact PINEELE now and get expert advice for your 2025 power needs.



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