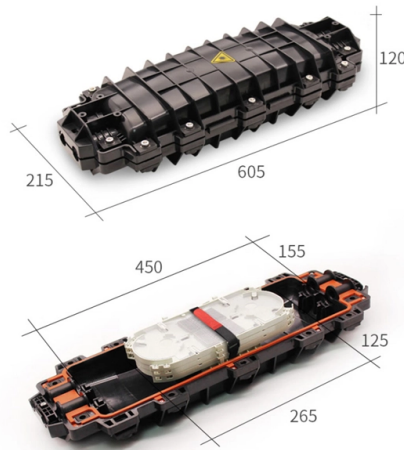


# Price of dustproof heat dissipation box for electrical distribution box



## Overview

304 Stainless Steel Electrical Box, Outdoor Electric Enclosure Case. Dustproof Electrical Enclosure: Designed with a sealed door frame and groove structu.

## Key Takeaways

Dustproof heat dissipation boxes for electrical distribution typically range from \$50 to \$250 depending on size, material, and additional features. Price Overview

- Small to Medium Galvanized Steel Boxes with Fans and Thermostats
- Example: Akwscyby outdoor electrical box with automatic cooling, dehumidification, and dustproof mesh measures 15.7" x 13" x 7.1".
- Price: Around \$120-\$150 on Amazon .
- Features: Galvanized steel, integrated fan, temperature controller, dustproof sealing strips, suitable for indoor/outdoor use.
- Ventilated Waterproof Boxes
- Example: YETLEBOX outdoor junction box with heat dissipation windows, hinged waterproof cover, and dustproof gasket.
- Price: Approximately \$80-\$130 depending on size and accessories .
- Features: IP-rated protection, internal mounting panel, cable glands, and easy wall or pole installation.

- Industrial Metal Distribution Boxes
- Example: Made-in-China metal distribution boxes with ventilation and heat dissipation functions.
- Price: Typically \$150–\$250 for medium-sized enclosures, with OEM/ODM options available for larger orders .
- Features: High-quality sheet metal, CE/3C certifications, suitable for industrial and commercial applications.
- Customizable Iron/ABS Enclosures
- Example: WINDLAND heat dissipation enclosure with iron body and ABS side panels.
- Price: Around \$100–\$200, depending on customization and size .
- Features: Static electricity sprayed finish, optional cutouts, and silk-screen printing for industrial projects.

#### Factors Affecting Price

- Material: Galvanized steel and aluminum are more expensive than plastic but offer better durability and EMI shielding .
- Size: Larger boxes with more internal space and mounting options cost more.
- Features: Integrated fans, thermostats, dustproof mesh, and waterproof gaskets increase the price.
- Certifications: CE, 3C, or IP ratings for dust and water protection can affect cost.
- Quantity: Bulk orders from manufacturers like Alibaba or Made-in-China can reduce per-unit cost.

#### Recommendation

For residential or small commercial use, boxes in the \$80–\$150 range with dustproof and heat dissipation features are sufficient. For industrial or outdoor applications, investing in \$150–\$250 enclosures with higher IP ratings, ventilation, and certified materials ensures long-term reliability and safety. Selecting the right box should balance size, material, protection rating, and additional features to match the specific electrical distribution requirements.

## Article Content

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YETLEBOX Outdoor Electrical Junction Box, Ventilation

□Waterproof and Dustproof□-Hinged cover design with waterproof gasket

20.87 in. x 16.92 in. x 7.87 in. Outdoor Electrical Junction Box ABS ...

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How to Calculate Heat Dissipation in Electrical Enclosures

Calculating an electrical enclosure's heat dissipation rate is the first step to prolonging the life of your electrical components. Use the

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Durable junction box can offer well protection for your projects in outdoor.

□Ventilation and heat

What is the heat dissipation performance of the outdoor

The heat dissipation performance of the box is of great significance to ensure the stable

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[Premium Materials]: Crafted with high

Waterproof Distribution box

A waterproof distribution box is an electrical enclosure designed to protect electrical components from water, dust, and environmental

ABS Electrical Junction Box, Ventilated Design, Cable Grommets,

The hinged cover design makes it easy to open and close, providing convenient access to the internal components. [Waterproof

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The Secret To Heat Dissipation In Industrial Power Distribution: How ...

The screw-pressing structure used in UKK junction boxes is designed with uniform force distribution in mind. Constant

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temperature

The heat dissipation of a heated metal box is dominated by the thermal resistance of the metal/air interface, not by the thermal

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Outside Electrical Box Enclosure, Electric Junction Chest with Heat Dissipation Holes, Weatherproof Stainless Steel Distribution Box

304 Stainless Steel Electrical Box 16" x 12" x 8" Outdoor ...

There are heat dissipation holes on the top and sides, which is very friendly to the components that need heat dissipation. □Made of

Outdoor Waterproof Electrical Enclosure, Weatherproof

An outdoor electrical enclosure is a secure, weatherproof cabinet that contains and protects various types

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