

Price of Aluminum Rectangular Busbars



Article Overview

The price of rectangular aluminum busbars varies widely depending on grade, dimensions, and supplier, typically influenced by aluminum market rates and manufacturing specifications.

Factors Affecting Price

Material Grade: Aluminum busbars are commonly made from high-purity electrical-grade aluminum, such as 1350, 6101, or 6061 alloys . Higher-purity grades offer better conductivity and may cost more. **Dimensions:** The cross-sectional area, length, and thickness of the rectangular busbar directly affect the price. Larger or thicker bars require more material and increase cost . **Surface and Insulation Treatments:** Anodizing, electroplating, or insulation coatings (PVC, epoxy, silicone) can add to the cost . Smooth, corrosion-resistant surfaces are preferred for high-current applications. **Current-Carrying Capacity:** Busbars designed for higher amperage may require multiple bars in parallel or laminated arrangements, which increases material and fabrication costs . **Supplier and Customization:** Standard sizes are generally less expensive, while bespoke or short-lead-time orders can increase the price . Suppliers may also offer bundled packaging or pre-cut lengths, affecting cost. **Market Factors:** Aluminum prices fluctuate based on global commodity markets, energy costs, and demand in industrial sectors. This can significantly influence busbar pricing over time .

Typical Applications



Article Content

Aluminum Busbar Supplier | EC Grade | Chalco Aluminum

The price of aluminum busbars depends on alloy type, cross-sectional size, surface treatment, and fabrication complexity. As a

Aluminium Busbar Supplier

RHI offers premium aluminium busbars, known for their lightweight, corrosion-resistant properties and high electrical conductivity.

Aluminium Alloy Busbar

Introducing the Aluminium Alloy Busbar, a high-quality electrical conductor designed for maximum efficiency and durability. With a

EMS | < Aluminium Busbars for lightweight Busbar-Solutions

Aluminum busbars are the lightweight alternative to copper busbars. Aluminum busbars have the advantage over copper that they

Aluminium Busbars

Aluminium Busbars and Aluminium Electrical Grade We offer a wide range of aluminium in various shapes and sizes including

Aluminum Busbar

Aluminum Busbar Aluminum Bus Bar For Sale We offer a range of popular aluminum busbar products, including grades such as

Buy Aluminium Busbar at Attractive Prices

Its purity (99% aluminium) and robust rectangular design with a smooth, deburred edge support optimal electrical performance in

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Busbar Prices Explained: Copper vs Aluminum, Fabrication Costs

Learn what affects busbar prices, from copper and aluminum costs to fabrication, coating, fault duty, and total lifecycle

Aluminium Busbar Size and Ratings Chart

This document provides a bus bar selection chart for aluminum bus bars. It lists various standard sizes of aluminum bus bars along

Aluminum 6061 & 6063 Tube | Rectangle, Round & Square Tube

Aluminum Rectangle Tube Available in 6061 aluminum and 6063 aluminum rectangular tubes. 6061 aluminum rectangular tubing is

Busbar Products Pricing Guide: Understanding Costs and Value

This guide offers a detailed busbar pricing guide for electrical contractors, explores what affects pricing, and provides strategies to

Bus Bars | McMaster-Carr

Choose from our selection of bus bars, including over 650 products in a wide range of styles and sizes. Same and Next Day Delivery.

Aluminum busbars

Aluminium busbars are a lighter and more cost-efficient alternative to copper. They offer good electrical conductivity and are

Aluminum Rectangle Bar Supplier | thyssenkrupp Materials NA

We have Aluminum Rectangle Bar in stock in 2024, 6061, 6063, 6101, and 7075 alloy. Contact us today to see how we can best

Aluminum Rectangular Bar | AFL Global

Rectangular shapes are the all-purpose rigid conductor for switchgear, control apparatus and busways. The use of multiple bar bus

Aluminium Bus Bar, Flats And Angle

Aluminium Bus Bar, Flats and Angle price depends on current aluminium rate. For example aluminium price per kg in india today

Aluminum Bus Bar

Aluminum bus bars are often used as electrical conductors in power distribution systems, where heat can easily be dissipated.

Contact Us

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