

Price List for Tubular Busbars

Article Overview

The price of aluminum tubular busbars varies widely depending on alloy, size, customization, and quantity, typically ranging from tens to hundreds of dollars per meter for industrial-grade products.

Factors Affecting Price

- o **Material Type and Alloy** Aluminum tubular busbars are commonly made from alloys such as 6101, 6061, 6063, 1350, 1060, and 1070, with 6101 being popular for its high conductivity and mechanical strength . Copper busbars are significantly more expensive due to higher conductivity and raw material costs .
- o **Dimensions and Cross-Section** Larger diameters or thicker walls increase material usage, raising the cost. Hollow tubular designs are more efficient in heat dissipation and weight reduction, but custom dimensions may add to manufacturing costs .
- o **Customization and Surface Treatment** Custom lengths, anodizing, electroplating, or insulation coatings (PVC, epoxy, silicone) can increase the price due to additional processing . More tap-off points, bends, or joints also add labor and material costs .
- o **Quantity and Bulk Orders** Purchasing in bulk typically reduces the per-unit cost. Single or small orders may be more expensive due to setup and tooling costs .
- o **Standards and Testing Compliance** with standards such as IEC 60105, ASTM B317, ISO 209-1, and DIN EN 755 ensures quality but may slightly increase cost due to testing and certification requirements .
- o **Logistics and Import Duties** Freight, shipping, and import duties can significantly affect the final price, especially for international orders .

General Pricing Guidance

- o **Small-scale or standard aluminum tubular busbars:** Approximately \$20-\$100 per meter depending on alloy and size.
- o **Custom or high-performance busbars:** Prices can exceed \$150-\$300 per meter for specialized alloys, anodized surfaces, or large cross-sections.
- o **Copper tubular busbars:** Typically 2-3 times more expensive than aluminum equivalents due to raw material costs .

Recommendations

- o Request transparent quotations from suppliers, separating material, labor, and logistics costs .
- o Compare multiple suppliers to balance quality, conductivity, and cost.
- o Consider bulk purchasing and standard sizes to reduce per-unit costs.
- o Ensure the busbar meets electrical and mechanical standards for your application to avoid long-term maintenance costs . By considering these factors, you can budget effectively for tubular busbars while ensuring reliable performance in power distribution or industrial applications.

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This guide offers a detailed busbar pricing guide for electrical contractors, explores what affects pricing,

As one of Europe's largest busbar processors, we offer our customers first-class solutions made of copper,

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The busbars produced by Electris are known for their exceptional durability, precision, and flexibility.

ILF manufacture and supply Aluminium Busbars for clients in industry sectors including rail, medical, marine, data centre, motor sport

List Price R 351.70 EXCL. VATSAVED: R 0.00 EXCL. VATNet Price R 351.70 EXCL. VAT R 404.46 INCL. VAT

Earthmet stock the UK's most comprehensive range of Tubular Busbars, Connectors and Insulators.

We offer 6101 and 6063G aluminum tubular busbars that meet electrical standards, ensuring high quality and reliable power

Find current busbar price per kg for copper, aluminum, and tinned types. Compare verified supplier rates, MOQs, and

Explore the structure, materials (copper/aluminum), packaging types (solid, laminated, flexible), electrical properties,

Introduction: Why Electrical Busbar Pricing Matters In modern electrical distribution systems, busbars play a crucial role

We are also able to offer Copper and Aluminium Tubular Busbars in a range of sizes, as well as the accessories to suit 33kV, 66kV

Essential fittings & accessories for tubular aluminum busbar systems In addition to Chalco's high

The document is a price list for Rolycab Powerflex, a flexible copper busbar product, listing prices per

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This document contains a price list for various structural steel products including rebar, sheet piles, I-beams, angle bars, flat bars,

Web: <https://bssoda.pl>

