

Price of New MU Connectors for Tunisian Solar Power Plants



Article Overview

The price of new MU/MC4 connectors in Tunisia typically ranges from \$1 to \$5 per unit, depending on specifications, supplier, and order volume.

Overview

MU connectors, often referred to as MC4 connectors, are critical components for solar PV systems, ensuring safe and reliable DC connections between modules and the electrical balance of system (eBOS) components. High-quality connectors, such as those from Stäubli, use MULTILAM technology to prevent power loss and heat accumulation, and are designed for harsh environments, high altitudes, and temperatures up to 105°C.

Pricing Considerations

- **Unit Cost:** Globally, standard MC4 connectors typically cost \$1–\$3 per piece for bulk orders, while advanced versions like MC4-Evo ready for 1500 V DC systems may cost \$3–\$5 per piece. Prices vary based on voltage rating, material quality, and certification.
- **Import Costs:** Tunisia imports most high-tech solar components, including connectors, from Europe or Asia. Shipping, customs duties, and VAT can add 10–20% to the base price. The Port of Radès is the main entry point for solar imports, with trade agreements like the EU-Tunisia Association Agreement potentially reducing tariffs.
- **Volume Discounts:** Large-scale solar projects (50–100 MW) often purchase connec...

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Clean, Reliable Power to Tunisia With an installed capacity of 120 MWp, the solar plant is expected to generate

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Another notable project, the TuNur, filed with the Tunisian Ministry of Energy in 2017 and still under construction, aims

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Tunisia Finalizes Power Purchase Agreements for 500 MW Solar Parks

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