

CIF Price of High-Temperature Resistant Photovoltaic Fusion Products Exported to Five Central Asian Countries

Article Overview

The estimated CIF price for high-temperature resistant photovoltaic fusion products exported to Central Asia ranges from approximately USD 0.28 to 0.35 per watt, depending on module efficiency, specifications, and shipping logistics.

Current PV Material and Module Costs

High-temperature resistant PV modules, often based on TOPCon or high-efficiency mono PERC cells, are priced higher than standard modules due to enhanced thermal tolerance and durability. As of May 2026, Chinese high-efficiency mono PERC and TOPCon modules are quoted around USD 0.22-0.28 per watt for bulk export (). Polysilicon, the primary raw material, carries additional costs if traceability or high purity is required, typically adding USD 3-5/kg for traceable polysilicon ().

CIF Pricing Considerations

CIF pricing includes product cost, international freight, and insurance. For Central Asian countries (Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan), shipping is usually via rail or road from China, with estimated logistics costs of USD 0.03-0.05 per watt depending on distance and customs handling. Insurance for high-value PV modules adds roughly USD 0.01-0.02 per watt.

Estimated CIF Price Range

Combining module cost, shipping, and insurance, the CIF price for high-temperature resistant PV fusion products is approximately:

- o Low-end estimate: USD 0.28/W (standard TOPCon modules, minimal shipping distance, bulk order)
- o High-end estimate: USD 0.35/W (premium high-temperature resistant modules, longer transit, smaller order volumes)

Additional Factors

- o Module efficiency: Higher efficiency modules (25%+) command a premium.
- o Volume discounts: Large orders reduce per-watt CIF costs.
- o Customs and tariffs: Central Asian import duties may add 5-10% to CIF prices.
- o Market fluctuations: Polysilicon and module prices are volatile; weekly spot prices should be monitored ().



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Conclusion

While exact CIF prices depend on module specifications, order size, and shipping route, exporters can expect USD 0.28-0.35 per watt for high-temperature resistant PV fusion products shipped to Central Asia. For precise quotations, contacting Chinese module manufacturers or distributors with detailed technical requirements is recommended.

The tariffs unveiled on Monday vary widely depending on the company and country.

Comprehensive guide to solar module prices in 2025. Current costs, market trends, buying strategies, and price

Section 5 outlines the development trends of perovskite solar cells in four aspects - higher efficiency, higher lifespan, larger size, and

China has reduced the export tax rebate for solar products, lowering refunded taxes for Chinese PV exporters and

Furthermore, we examine the cost savings, energy savings, and GHG emissions reductions achieved through a

Around 80% of the electricity involved in polysilicon production today is consumed in Chinese provinces at an average electricity

The five Central Asian nations have collectively tendered 8.7GW of solar PV and energy storage projects, up 127% year

Vietnam's solar expansion is running ahead of the grid infrastructure needed to support it, while a dispute over

The 2023 PV module price index presented by EnergyBin tracks crystalline-silicon modules traded within the secondary solar

Solar photovoltaic module prices refer to the cost of the solar panel itself, and do not include installation or other

To optimize your export pricing strategy, understand the total or "landed" cost of your export shipment to a foreign buyer. Buyers



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SUMMARY: The Commission hereby gives notice that it has instituted reviews pursuant to the Tariff Act of 1930 ("the

Price Development PV module prices remain near record lows despite upstream cost pressures, with future pricing hinging on

Preliminary Affirmative Determinations in the Antidumping Duty Investigations of Crystalline Photovoltaic Cells Whether or Not

Central Asian Five Countries Export Energy Internet High-Temperature Resistant CIF Price Differences in energy mixes and prices

Photovoltaic (PV) Industry leading manufacturers, key suppliers, competitive analysis,

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