ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Comprehensive Price List for Solar Photovoltaic Modules



Overview

Solar Module Prices 2025: Complete Guide To Current Costs & TrendsComprehensive guide to solar module prices in 2025. Current costs, market trends, buying.

Key Takeaways

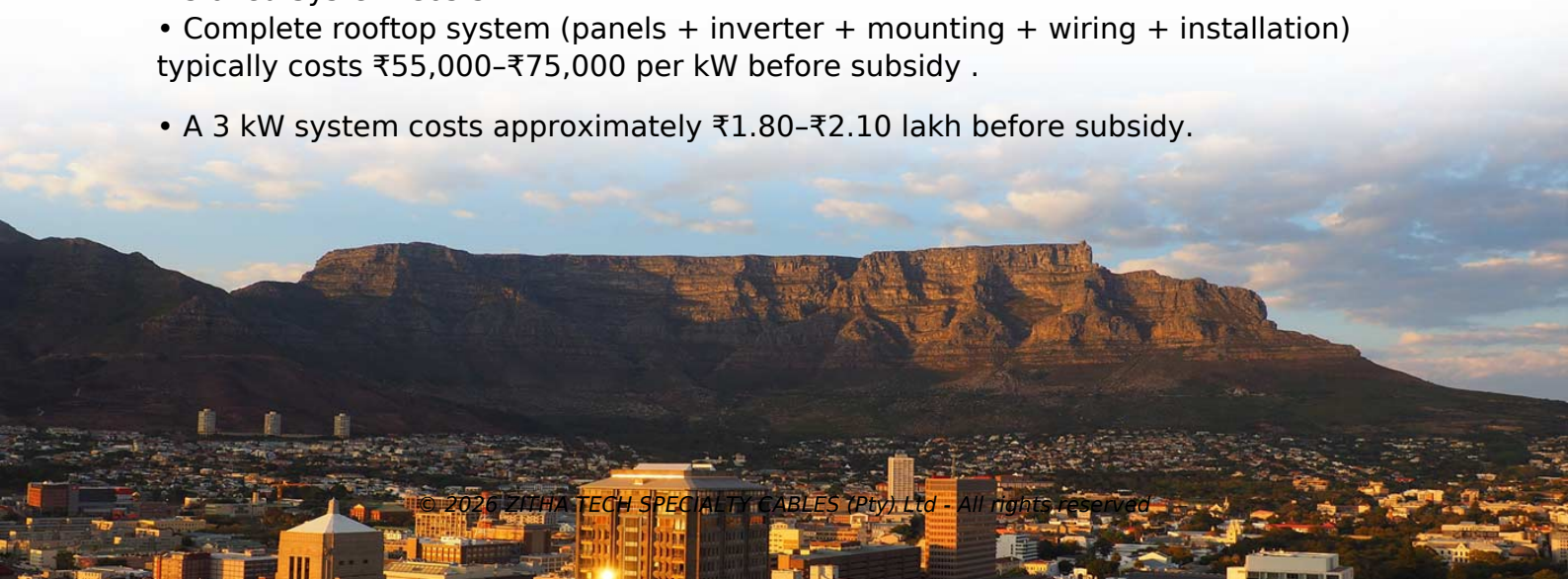
Solar PV module prices in India for 2026 range from ₹18–₹28 per watt for mainstream technologies, with TOPCon modules priced at ₹20–₹28/Wp and PERC modules at ₹18–₹24/Wp.Price Overview by Technology
• PERC (P-type): ₹18–₹24 per watt (ex-GST)

• TOPCon (N-type): ₹20–₹28 per watt (ex-GST)

• HJT (N-type premium): ₹32–₹45 per watt (ex-GST)

• Polycrystalline panels are largely obsolete, with most new installations using PERC or TOPCon technology .
Installed System Costs
• Complete rooftop system (panels + inverter + mounting + wiring + installation) typically costs ₹55,000–₹75,000 per kW before subsidy .

• A 3 kW system costs approximately ₹1.80–₹2.10 lakh before subsidy.



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• Under the PM Surya Ghar Muft Bijli Yojana, subsidies are: ₹30,000 for 1 kW, ₹60,000 for 2 kW, and ₹78,000 for 3 kW and above (up to 10 kW residential systems), reducing the net cost of a 3 kW system to ₹1.02–₹1.32 lakh .

Factors Affecting Solar Module Prices

• Technology and efficiency: Advanced modules like TOPCon offer higher efficiency and longer-term energy generation, justifying higher upfront costs .

• Raw material costs: Prices of silicon wafers, solar glass, aluminum frames, silver paste, and EVA sheets directly impact module costs .

• Manufacturing scale: Large automated facilities reduce production costs through economies of scale .

• Warranty and brand: Panels with longer warranties or from reputed manufacturers (e.g., Adani Solar, Tata Power Solar, Waaree Energies, Vikram Solar, Luminous) often command a premium .

• Government policies: Import duties, domestic manufacturing incentives, and certification requirements influence module pricing .

Market Trends

• TOPCon technology is increasingly preferred for modern installations due to higher efficiency and long-term performance .

• Mono PERC panels remain popular for residential rooftops due to affordability and balanced performance .

• Prices fluctuate based on market demand, order quantity, and installation location, so it is recommended to verify current rates with authorized dealers .

Summary

For 2026, buyers in India can expect ₹18–₹28/Wp for mainstream solar PV modules, with complete rooftop systems costing ₹55,000–₹75,000 per kW before subsidies. Advanced technologies like TOPCon provide higher efficiency and long-term energy savings, while government subsidies significantly reduce upfront costs for residential installations .

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Solar price trend

Energytrend is a professional platform of green energy, offering latest price of solar PV industry.

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InfoLink Consulting provides weekly updates on PV spot prices, covering module price, cell price, wafer price, and

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Compare live solar panel prices by retailer, watt, and $/watt — pallet deals and retail pricing updated regularly. Find the

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