

Indian PV module prices





Overview

How much does a solar PV module cost in India?

India's solar PV module prices range from ₹12-22 per watt, influenced by technology, brand, and procurement scale. Monocrystalline PERC modules dominate with ₹14-20 per watt, led by Vikram Solar (₹16.5-18.0/W) and Adani Solar (₹16.0-17.5/W).

Why is India solar PV module market growing?

India Solar PV Module Market growth is due to the government of India, that has set an ambitious target of producing 450GW of renewable energy by 2030, and this boosts investments in solar projects. Favorable net-metering policies and tax incentives for residential solar installations have boosted demand from the rooftop solar segment.

Are photovoltaic panels a good investment for India?

Solar energy has become a cornerstone of India's renewable energy drive, and photovoltaic (PV) panels play a critical role in this transformation. As more people embrace green energy, understanding photovoltaic panels—their price, benefits, and challenges—has become essential for making informed decisions.

How much do solar panels cost in India?

Currently, the PV panel price varies depending on the brand, efficiency, and type of solar panels. Monocrystalline panels, known for their high efficiency, are priced higher than polycrystalline panels. As of 2025, the price of solar panels in India ranges from ₹25 to ₹50 per watt, making solar energy more affordable for households and businesses.



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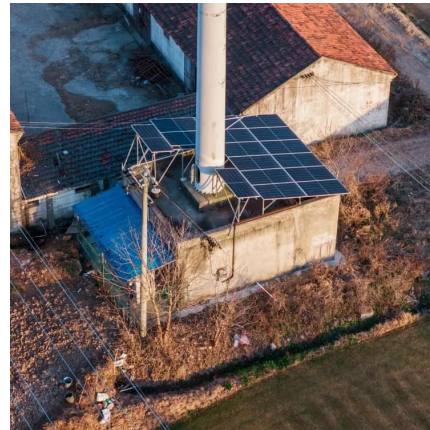
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[India Solar PV Module Market Size and Price Trends. \[2033\]](#)

The India solar PV module market size valued at USD 7.94 billion in 2024 and is projected to reach USD 21.12 billion, CAGR of 10.60% from 2025 to 2033.

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