

NKOSITHANDILEB SOLAR

Customized 50kW Solar Container in India



Overview

How much does a 50 kW solar panel cost in India?

The 50 kW solar panel system price in India for DCR on-grid rooftop subsidy projects ranges from ~Rs. 40,000* to 45,000* per kW + 13.8% GST with subsidy. Simply put, you'll be shelling out ~Rs. 20 lakh* to ~Rs. 22.50 lakh* + 13.8% for installing a 50 kW solar panel system in India.

How to install a 50 kW solar system in India?

To install a 50kW solar system, you need shade-free space of 258.4 m² - 328.1 m². For rooftop solar plants installed for residential use all over India, the following Central Financial Assistance (CFA)/ Central Government Subsidy are available. Note: *The subsidy amount is fixed for rooftop solar systems of 3 kW and above capacity.

Is a 50 kW Solar System a good investment in India?

By mid-2025, a 50 kW solar panel system in India is not only more affordable than ever—but also financially strategic for high-usage consumers. With on-grid costs hovering at ₹20–21 lakh after subsidies, the system offers compelling returns, environmental gains, and energy independence.

What are the different types of 50 kW solar systems in India?

The three primary types of 50 kW solar systems in India are on-grid, off-grid, and hybrid PV systems. On-grid solar systems are the most recommended options for homes, housing societies, and commercial or industrial buildings because they're the most effective and have the highest and quickest ROI.

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