



LQ12-150
 12.8V 150Ah
 Technical specifications:
 Nominal voltage: 12.8V
 Nominal capacity: 150Ah
 Max. charge current: 15A
 Max. discharge current: 15A
 Max. operating temperature: 55°C
 Max. storage temperature: 40°C
 Self-discharge rate: 3% per month
 Cycle life: 2000 cycles
 Weight: 15.5kg
 Dimensions: 350x170x125mm

LiFePO4
 12.8V 150Ah

CAUTION!
 Do not short circuit the battery.
 Do not use the battery for applications where overcharging or over-discharging may occur.
 Do not use the battery for applications where the temperature may exceed 55°C.
 Do not use the battery for applications where the battery may be subjected to mechanical shock or vibration.

LiFePO4
 12.8V 150Ah





Overview

Which is the best PV module manufacturer in India?

Vikram Solar Founded in 2005 in Kolkata, Vikram Solar is among India's top PV module manufacturers with a 4.5 GW capacity (including a recent 1 GW boost in Falta and upgrades in Chennai). The company also provides EPC and O&M globally (39 countries) and is a Tier-1, PVEL Top Performer.

What is a containerized solar PV system?

Powtech's Containerized Solar PV Solution utilizes innovative hybrid technology housed within a standard 20-ft marine container, delivering up to 10,000 kWh of energy annually. The system integrates solar panels positioned atop the container, boasting a power capacity range of 4 to 8 kWp, complemented by a reliable battery backup system.

Who is the first integrated manufacturer of solar photovoltaics?

It is the first integrated manufacturer of solar photovoltaics. RenewSys India is headquartered in Mumbai, Maharashtra, and has production facilities in Mumbai, Bengaluru, and Hyderabad. They have maintained the premium quality of their products.

Who is Vikram Solar?

Vikram Solar is a leading manufacturer of high-efficiency solar PV modules and offers EPC solutions for large-scale projects. With a production capacity of 1.2 GW, the company has a strong presence both in India and international markets.

Who is India's largest solar module maker?

Established in 1989, Waaree is currently India's largest solar module maker, with ~13.3 GW annual module capacity and ~5.4 GW cell capacity across multiple plants in Gujarat, Noida, and Maharashtra. Boasting ~25–30 % domestic market share and ~44 % export share, it also offers EPC and O&M



services and has diversified into US manufacturing. 5.

Who is Saatvik Green Energy Private Limited?

Saatvik Green Energy Private Limited, founded in India, is a leading solar PV module manufacturer established to promote sustainable energy solutions. With an annual production capacity of 3 GW, they offer high-efficiency Mono PERC and Bifacial modules.



Indian containerized photovoltaic manufacturers



[Top 10 Solar Manufacturers in India 2025](#)

This growing demand has given rise to several solar manufacturers across India, all competing to deliver quality products and services. While many brands are making a mark, ...

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[APPROVED LIST OF MODELS AND MANUFACTURERS ...](#)

Application Format to apply for inclusion of Solar Photovoltaic (PV) Module Model (s) in the List of "Approved Models and Manufacturers of Solar Photovoltaic Modules (ALMM)" ...

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Mobile Solar Container Solution, Mobile Solar , Statcon Energiaa

The brand new self-sustainable Containerized Solar PV Solution by Statcon Energiaa provides a ready-made alternative for the common problem of power supply to ...

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[Container Photovoltaic Power System Market](#)

India's PM-KUSUM scheme subsidizes 60% of containerized PV costs for agricultural pumps, while EU Carbon Border Adjustment Mechanism commitments push energy-intensive ...



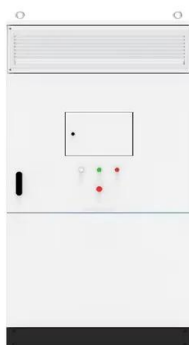
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Top 10 Solar Panel Manufacturers in India in 2025 [Updated List]

In this blog, we have listed top solar manufacturers in India. We have concluded this list from the top manufacturers and fetched the best among them.

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[Top 10 Solar Manufacturers in India 2025](#)

This growing demand has given rise to several solar manufacturers across India, all competing to deliver quality products and ...

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[Top 10 Best Indian Companies in Solar Energy 2025](#)

In this article, we will explore the top 10 best Indian companies in solar energy in 2025, highlighting their contributions, achievements, and future potential. 1. Adani Green ...

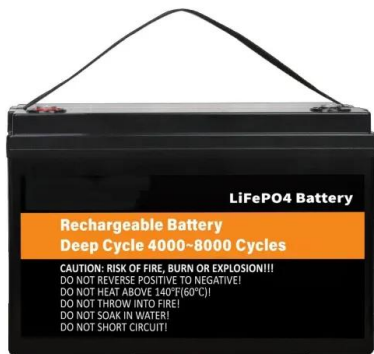
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Products

Fully Containerised hybrid PV systems of Solon India ranging from 5-28 kWp provide rapid deployment solutions for clean energy generation, inclusive of service support, performance ...

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Floatex Solar

The success of a floating solar project hinges on excellent product quality and skilled professionals handling the design, production and installation. At ...

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[20 Top Solar Companies in India , Built In](#)

Vikram Solar is one of India's largest solar panel manufacturers, reaching 3.5 gigawatts of production capacity as of 2022. The company, which ...

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IB Solar , Solar Panel Manufacturer & Energy Storage ...

Established in 1992 as Integrated Batteries, IB Solar is a leading Indian manufacturer of solar panels and energy storage systems. With a 700 MW ...

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Products

Fully Containerised hybrid PV systems of Solon India ranging from 5-28 kWp provide rapid deployment solutions for clean energy generation, inclusive of ...

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Solar Container

Powtech's Containerized Solar PV Solution utilizes innovative hybrid technology housed within a standard 20-ft marine container, delivering up to 10,000 kWh of energy annually.

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[Top 10 Solar PV Module Manufacturers in India](#)

Discover the top 10 solar PV module manufacturers in India! This guide provides in-depth company overviews, essential contact details, and a FREE Excel resource filled with ...

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Mobile Solar Container Solution, Mobile Solar , Statcon Energiaa

The brand new self-sustainable Containerized Solar PV Solution by Statcon Energiaa provides a ready-made alternative for the common problem of power supply to remote and far-flung ...

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Top 10 Solar Mounting System Manufacturers in India 2022

Established in 2006, Bilmat Engineering is a renowned manufacturer, exporter, and supplier of an exclusive range of hot-dip galvanized products. Some of their well-known ...

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IB Solar , Solar Panel Manufacturer & Energy Storage India

Established in 1992 as Integrated Batteries, IB Solar is a leading Indian manufacturer of solar panels and energy storage systems. With a 700 MW facility in Noida (expanding to 5 GW) and ...

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Inficold

Inficold design & manufacture cold storage, bulk milk cooler, instant milk chiller and air conditioner with grid resilient and off-grid solar options.

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India's solar industry navigates between US tariffs and Chinese

India's clean energy appetite is helping the country's solar power industry wean itself off imported Chinese parts and continue growing even as it faces a tougher sell to its ...

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[List of Top 10 Solar Panel Manufacturers in India](#)

Explore the updated list of the top 15 solar panel manufacturers in India as of July 2025.

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Containerised Solar Substation , Telawne Power ...

CONTAINERISED SOLAR SUBSTATION

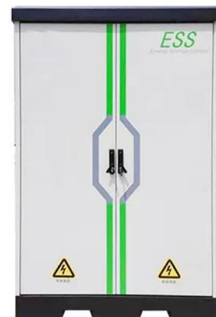
Containerised solar substation are designed for clustered solar parks where space and safety is a concern, and ...

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Acoustics India Home

40ft ISO High Cube Containerized Emergency Switch Gear -EHouse. OIL India Project - Nadua & East Khagorijan Project - ABB Oil & Gas Division Self ...

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[List of Top 10 Solar Panel Manufacturers in India](#)

List of Top 10 Solar Module Manufacturers in India · Adani Solar · Tata Solar Power · Bluebird Solar. Explore trusted solar companies known for ...

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In this article, we will explore the top 10 best Indian companies in solar energy in 2025, highlighting their contributions, achievements, and future ...

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[Hybrid Microgrid Technology Platform . BoxPower](#)

BoxPower's hardware solutions are designed to adapt to any energy challenge. Each system integrates solar PV, battery storage, and optional backup ...



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Applications



Containerized from STEAG Energy Solar PV Solutions

According to a Forbes article dated May 7, 2018 only 1,417 of India's 18,452 villages, or 7.3% of the total, have 100% household connectivity, and about 31 million homes are still in the dark.

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Top 10 Solar Panel Manufacturers in India in 2025 [Updated List]

Powtech's Containerized Solar PV Solution utilizes innovative hybrid technology housed within a standard 20-ft marine container, delivering up to 10,000 kWh ...

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India's PV module production capacity hits 64.5 GW, cell output ...

Mercom says in a new report that India installed 20.8 GW of solar module manufacturing capacity and 3.2 GW of new PV cell production lines in 2023. The nation's ...

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Top 10 Solar Energy Companies in India (2025 Update)

6 days ago · Explore India's top solar energy companies offering panels, EPC services, and clean energy solutions for homes, businesses, and large-scale projects.

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