



SHAKTI ON ROOF SOLUTION

Harness the power of the Sun, for a brighter future



Shakti Energy Solutions

Made in Bharat. Made for Bharat.

Shakti Energy Solutions Ltd. is at the forefront of transforming India's solar rooftop landscape for both homes and businesses. As a wholly owned subsidiary of **Shakti Pumps (India) Limited**, Shakti Energy Solutions is the only brand in the industry to offer all three critical components—**Solar Modules, Inverters, and Module Mounting Structures**—under one roof.

This integrated approach ensures unmatched quality, seamless system compatibility, and long-lasting performance. Our customers benefit from greater reliability, faster delivery timelines, improved efficiency, and overall cost-effectiveness—making Shakti Energy Solutions the trusted partner for sustainable energy solutions.

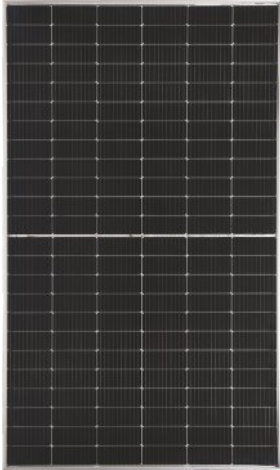


Solar PV Modules

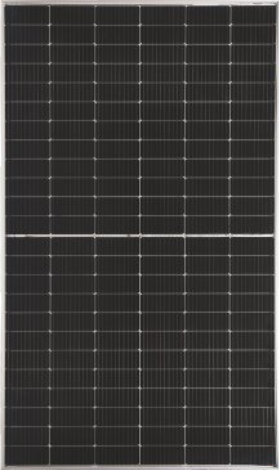
The power of the Sun, at your command

Solar PV Modules are unmatched when it comes to high performance, durability, and reliability. These photovoltaic panels actively convert sunlight into electricity, offering an efficient and eco-friendly energy solution. Ideal for diverse power applications, their cutting edge technology and superior design is helping simplify solar adoption. dual glass, BiFacial panel to generate more power from both side.

Mono PERC- BiFacial



TOPCon-BiFacial



 OTHER BRAND



 OTHER BRAND



 SHAKTI ONROOF



*Maximum power is achieved with bifacial modules when installed on a white-painted surface

Swadeshi Sunshakti Inverter

Made in Bharat. Made for Bharat.

Innovation powered by A.I. Tech

A high performance, transformer-less, high switching frequency-based grid-tie Inverter with IP 65 ingress protection. The Inverter's digital control ensures maximum energy harvesting from the solar panel. This system can be controlled and monitored by Shakti RMS mobile app and is equipped with GPRS/WiFi for remote communication.



*Features are available based on customer requirements

Class-1 Supplier**

Unstoppable, uninterrupted power



10% more energy generation
Specially designed heat sink improves cooling thereby improving generation upto 10%, also extending inverter life.



AI Powered
Uses advanced AI to automatically adapt variations in grid-side voltages. Thus, enhancing conversion efficiency and ensuring reliable power generation.



Rust proof design
Body is powder coated to enhance corrosion life.



Engineered For Indian Weather
Built to handle heat, humidity, dust, and monsoon conditions for year-round reliability.



Remote connectivity
GPRS/Wifi integration allows real-time tracking and remote system access via the Shakti RMS app (Bluetooth optional)



Indian Cloud (RMS)
Indigenously developed cloud for detailed performance tracking, along with ensuring customer privacy and user convenience.



Easy Installation
Plug-and-play setup with shockproof connections speeds up installation and improves safety.



Dust & Water Proof Design
IP65-rated enclosure ensures reliable outdoor performance in challenging weather conditions, reducing maintenance needs.



User-Friendly Display
LCD interface simplifies system monitoring and control for users of all levels.

Seasonal Tracking Module Mounting Structures

Built for strength, designed for efficiency

Shakti's Solar Module Mounting Structures are engineered to perfection, offering robust design, unmatched durability, and efficient space utilization with innovative seasonal tracking feature. From design to installation, our mounting solutions ensure your solar system stands strong against all environmental challenges while delivering maximum energy output.



Strength that endures



Seasonal Tracking Compatibility

Exclusive in-house design supports seasonal adjustments, increasing overall solar energy output.



ZAM Coated And Aluminum Material

Built with anodized & CED coated aluminium, specialized ZAM material and galvanized fasteners to withstand corrosive environments and extend product life.



High Wind Resistance

Engineered to sustain wind speeds up to 150 km/h, ensuring stability during storms and extreme weather.



Maximum Space Utilization

Elevated dual pole design (up to 6 ft clearance) allows optimal rooftop use and improved airflow.



Robust & Aesthetic Design

Sleek, zero-welding structure enhances rooftop aesthetics while offering reliability and durability.



Easy Installation, Cleaning & Maintenance

Simplified setup and easy-to-clean module surfaces save time and labour, keeping the system efficient with minimal effort.



Strength You Can Rely On

High strength-to-weight ratio materials reduce roof load, maintain structural integrity and ensure easy transportation.



Avail subsidy on Shakti On Roof

Under the PM Surya Ghar Muft Bijli Yojana, any residential consumer can avail applicable subsidy on Shakti On Roof Systems.
Visit <https://pmsuryaghar.gov.in/> and follow the simple steps to register yourself.



PM Surya Ghar
Muft Bijli Yojana

Partner with us for a bright future

It's a win-win every step of the way

With the consciousness about being pro-planet and sustainability rising, there is great interest in alternate sources of energy, with solar energy leading the way. Shakti Energy Solutions remains dedicated to this vision, as part of a group recognized as a pioneer in the water pump industry. Now, with its On Roof Solutions, it aims to be the numero uno in the household power generation space.



Seasonal Tracking By Shakti Onroof App Suggested Angle

A legacy of excellence

Proven Brand Legacy of Shakti Pumps

BIS Quality Products

Attractive Government Subsidies & Incentives

Exporting to 120+ Countries

Portfolio of Patents and Trademarks

Delivering Excellence Since 1982

Complete Solar Setup – Built for Maximum Output, Made for Bharat



Structure + Module



Inverter with RMS

- Proudly Made in India
- Seasonal tracking
- Durable specialized ZAM coated structure
- Compact inverter design
- Efficient solar solution



with 200Km/h wind resistance.

with 150Km/h wind resistance.



with 200Km/h wind resistance.

SHAKTI ENERGY SOLUTIONS LIMITED
Silver Spring, Business Park, By-Pass Road,
Indore- 452020 (M.P.) INDIA

✉ sales@shaktisolaronroof.com
🌐 www.onroof.com

Call us :

**92010
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