ENERGY INSIDE™

vikramsolar
CREATING CLIMATE FOR CHANGE

FORTUNE THE NEXT 500 INDIA

SOLAR **MODULES**

SOLAR **EPC**

SOLAR **O&M**

CREATING A CLIMATE FOR CHANGE

WITH VIKRAM SOLAR

TÜVRheinland C US

IS 14286:2010/IEC 61215:2005, IS/IEC 61730 (PART 1):2004 &IS/IEC 61730 (PART 2):2004
R-51000566
R-61002070

TOP PERFORMER 2023
PVEL member of group kiwa
PV MODULE RELIABILITY SCORECARD
*As per applicable products
PVEL Scorecard: https://modulescorecard.pvel.com/manufacturer_name/vikram/

DID YOU KNOW THAT **VIKRAM SOLAR** ...

... is part of a 4 decade old legacy as a manufacturer

... already catered to solar module needs across 32 countries worldwide

... invested about ₹ 172.69 million in R&D and Product Certifications in fiscals 2019,2020 & 2021

CREATING A CLIMATE FOR CHANGE

WITH VIKRAM SOLAR

We strive to deliver **reliable solar solutions** through **innovative products,** and we achieve this through our specialized high efficiency **PV module manufacturing,** comprehensive **EPC solutions** and **O&M** services.

THE VIKRAM SOLAR STORY

Dear Solar Enthusiast,

The global demand for sustainable energy solutions is on the rise. We are always ready to uphold our commitment to elevate the quality of life, while at the same time generating green energy responsibly. We will continue to do all it takes to make solar energy affordable and accessible to people in need across the world.

We are a globally active solar energy solutions provider, specializing in high efficiency PV module manufacturing and comprehensive EPC solutions. With an international presence across 32 countries, we are an active contributor in shaping the solar revolution. Carrying forward the rich legacy and extensive manufacturing experience of the Vikram Group, Vikram Solar, since 2006, is building on a 4 decade old success story. We successfully demonstrated our capability even before the solar sector witnessed active growth and development in India. Today, Vikram Solar has been rated by various internationally acclaimed agencies for product and process quality.

We source equipments from all around the world to manufacture and deliver the products. Our research and development team constantly works on improving the product portfolio and introducing new products to serve our customer. Today, we are proud to have built two of India's top notch production facilities with a total annual rated production capacity of 3.5 GW and we are eager to contribute more to the Indian and the global solar revolution.

I invite you to be part of the solar energy revolution with us.

Truly yours

Gyanesh Chaudhary

Chairman & MD,
Vikram Solar

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> A project is complete when it starts working for you, rather than you working for it.

Scott Allen

Social media expert, USA

VIKRAM SOLAR

KEY FACTS

VIKRAM SOLAR KEY FACTS

PRESENCE ACROSS THE VALUE CHAIN

MODULE MANUFACTURING

- Installed manufacturing capacity for solar PV modules **3.5 GW***
- **India's 1st** and **6** time **PVEL PQP Top Performer**
- Brand presence in the **US** and **Europe** alongside **Indian market**
- Monofacial & Bifacial glass-glass and Bifacial glass to transparent backsheet, N-TOPCon and mono Perc cell multi busbar, alloy steel & aluminium frame modules with mesh glass

Further to serving as a manufacturer of solar PV modules, we also provide solar solutions across the value chain. Our experienced EPC team ensures the completion of each solar plant from concept to commissioning including its operation and maintenance. Our business model ranges from the acquisition of developed sites to the servicing and maintenance of completed solar arrays.

SOLAR EPC

- An **end-to-end solutions** provider for utility scale, rooftop and off-grid projects
- About **1.42 GW**^ of solar EPC experience in India
- **Timely execution** and power generation warranties

SOLAR O&M

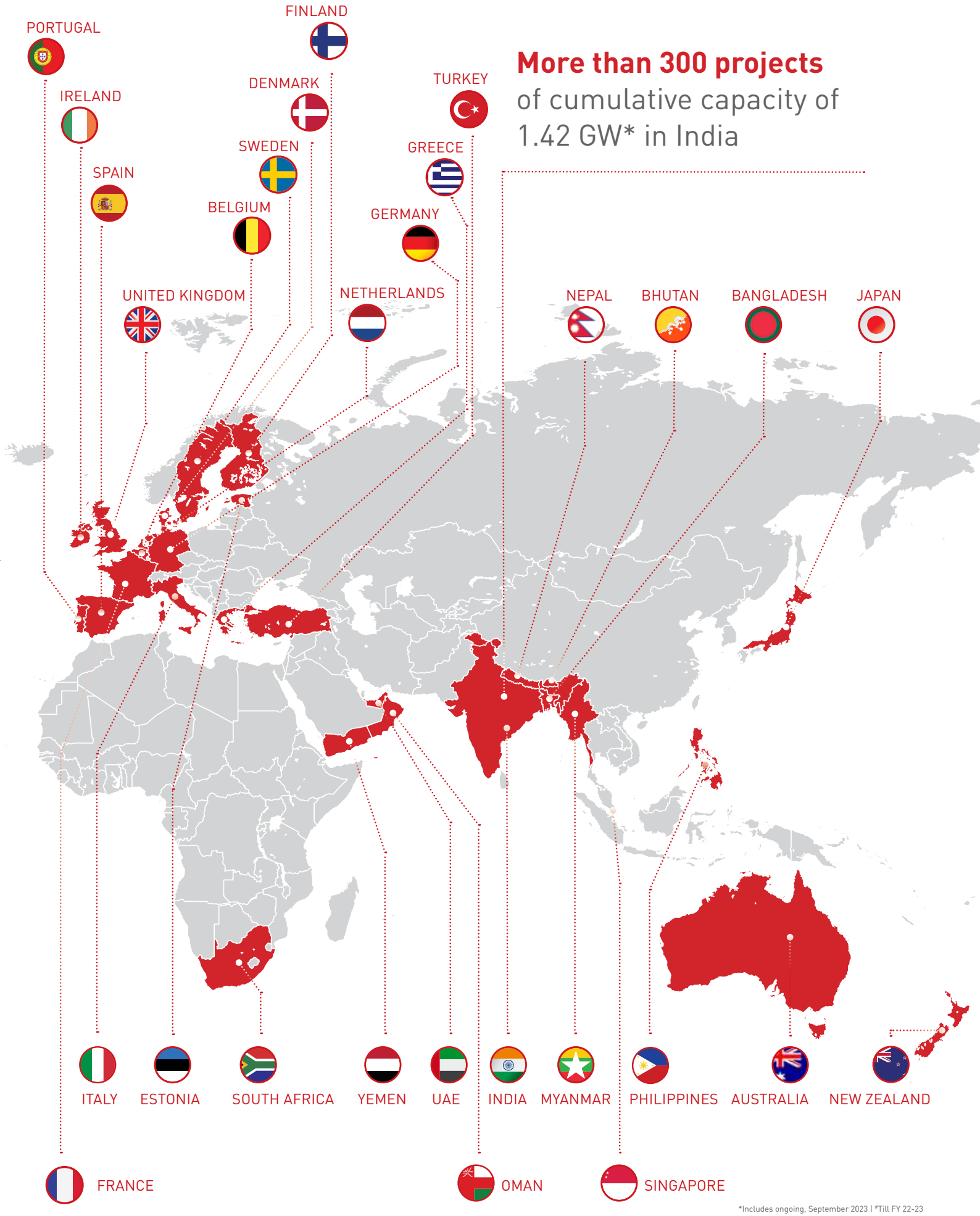
- O&M services provided for more than **1 GW***
- Special equipment and work methods adopted to **differentiate services**

*September 2023
^Includes ongoing, September 2023

VIKRAM SOLAR WORLDWIDE

AROUND THE GLOBE

More than 472 MW# solar modules supplied

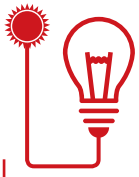


More than 300 projects
of cumulative capacity of
1.42 GW* in India

*Includes ongoing, September 2023 | #Till FY 22-23

VIKRAM SOLAR MILESTONES

18 YEARS OF VIKRAM SOLAR



Vikram Solar incorporated

2005

Contributed to **1st Fully Solarised Airport- Cochin International Airport Limited,** Cochin, Kerala

2013

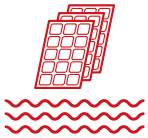
Reached **500 MW** production capacity

2015

2011

3 MW installed under the **National Solar Mission** of India

2014



Ranked as India's **Tier 1 module manufacturer** (BloombergNEF)*

First company in India to commission a **floating solar PV plant** of 10 kW

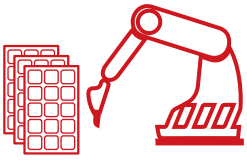
Since its establishment as a solar PV module manufacturer in 2005, Vikram Solar has been driven by providing products and services both in India and globally, and our hard-work and passion for solar energy has paid off.

In 2014, we were named as a TIER 1 manufacturer by BloombergNEF and continue to supply the international solar industry with 'Made in India' products.

2019

200 MW plant commissioned in Andhra Pradesh for state power generation company

Commissioned East India's **largest single shed** rooftop project- **2.15 MW**



2022

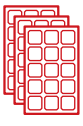
3.5 GW annual rated production capacity reached

2017

1 GW of production capacity reached

2021

Reached **2.5 GW** production capacity*



2023

NABL accreditation of R&D laboratory

6th time **PVEL** Top Performer

TC- 11358
NABL

* Source: CRISIL Industry Report

VIKRAM SOLAR PEOPLE

MEET OUR PEOPLE

Vikram Solar is spearheaded by agile leaders, who are united by the vision of actively revolutionizing energy needs everywhere on earth. A balanced synthesis of young and experienced, dynamic and traditional, international as well as locals, our team has wide-ranging experience in international as well as Indian solar energy sector.

BOARD MEMBERS

SHRI. H.K. CHAUDHARY
CHAIRMAN, EMERITUS

MR. GYANESH CHAUDHARY
CHAIRMAN & MANAGING DIRECTOR

MR. VIKRAM SWARUP
INDEPENDENT DIRECTOR

MR. PROBIR ROY
INDEPENDENT DIRECTOR

MR. K. SUBRAMANYA
INDEPENDENT DIRECTOR

MS. RATNABALI KAKKAR
INDEPENDENT DIRECTOR

MR. IVAN SAHA
WHOLE-TIME DIRECTOR & CEO
(KMP)

MR. K.K. MASKARA
WHOLE-TIME DIRECTOR & CFO
(KMP)

MS. NEHA AGRAWAL
WHOLE-TIME DIRECTOR &
HEAD-BUSINESS RISK
(KMP)

MANAGEMENT TEAM

MR. IVAN SAHA
WHOLE-TIME DIRECTOR & CEO
(KMP)

MR. K.K. MASKARA
WHOLE-TIME DIRECTOR & CFO
(KMP)

MS. NEHA AGRAWAL
WHOLE-TIME DIRECTOR &
HEAD-BUSINESS RISK
(KMP)

MR. KUNAL MOTWANI
VICE PRESIDENT-INTERNAL
SALES & ORGANIZATIONAL
EXCELLENCE

MR. SANTOSH GOYAL
CHIEF COMMERCIAL
MANAGER (KMP)

VIKRAM SOLAR

MODULES

“There is no second chance for a first impression. Hence, in our first large solar project in the US, we were very particular about proven high quality standards, extended linear performance guarantees combined with an affordable technology. Our clients have a clear expectation and so do we. Vikram Solar’s global track record and their astonishing commitment from Day 1, left us no doubt as to have found a trustworthy partner.”

Andreas Hoffmann

CEO, Greencells Group

MODULE KEY FACTS

A BROAD RANGE...

Vikram Solar focuses on maintaining the global standards while offering wide range of products to our consumers.

Vikram Solar, specializes in the production of high-efficiency mono PERC & N-TOPCon cell bifacial & monofacial PV modules. Our in-house research and development efforts help us in being ahead of the curve in the ever-evolving solar technology space.

We regularly conduct research study programmes with leading laboratories across the globe to reduce the learning curve and offer you products with good efficiency. In line with our company's focus on adopting pioneering and innovative technologies, we established 1.3 GW capacity solar PV module manufacturing facility in Oragadam, Chennai, India. Recently we have added 1 GW to our existing Falta facility, taking our cumulative capacity to 3.5 GW. Our new facilities are equipped with high-tech automation, forward compatibility with upcoming technologies such as G12 cell modules, high-efficiency bi-facial & smart modules with alloy steel frame. Both of our manufacturing units in Oragadam, Tamil Nadu & in Falta, West Bengal are automated, utilising equipment and technologies from Japan, Germany, United States of America and Switzerland.

Our operations at Falta & Oragadam units are certified under ISO 14001:2015 standard for environment management and the ISO 45001:2018 standard for occupational health and safety management systems implementation. Further, the quality management systems at both the units are certified ISO 9001:2015. Our quality certifications are imperative to our customers and our solar PV modules are certified by multiple international certification bodies such as TÜV , BIS and UL for quality and performance such as IEC 61215, IEC 61730, UL 1703 and BIS 14286 which makes our products acceptable to international customers.

Product Certifications

Superior hail test performance

ø 45mm hail test passed from 3rd party laboratory with impact velocity up to 27m/s

Applicable with Glass (2mm) to Glass (2mm) module and Glass (3.2mm) to Backsheet module

RELIABILITY

Emerged as a top performer 6 times by PVEL

DIVERSE PORTFOLIO

Modules for on-grid as well as off-grid applications

3.5 GW

Production capacity enabling us to serve global clientele

DIVERSE USAGE

Fit for large scale and rooftop applications

VARIED RANGE

Mono PERC & N-TOPCon cell multi busbar modules ranging upto 715W#

LATEST TECHNOLOGY

1500V System Voltage modules, Module Level Power Electronics (MLPE), Alloy Steel Frame

...THAT FITS ALL YOUR NEEDS

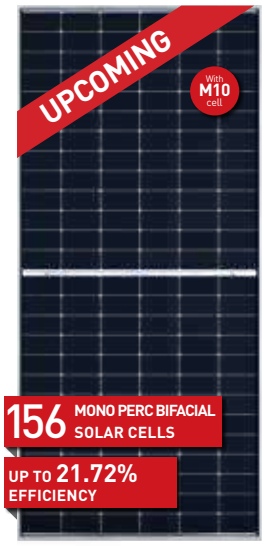
Hypersol module (G12, 132 N-TOPCon cell)

PICK WHAT YOU NEED...

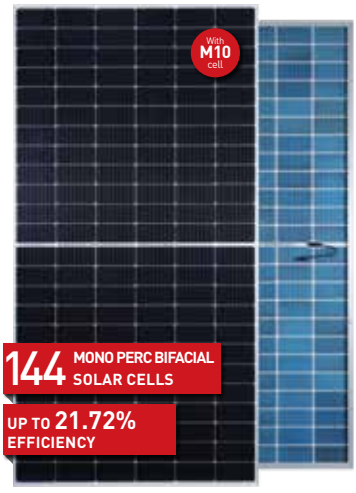
PARADEA
HIGH EFFICIENCY BI-FACIAL GLASS-GLASS PV MODULES

– Bifacial Glass-Glass module

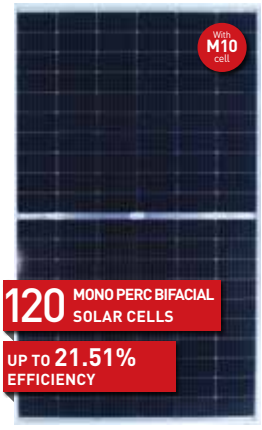
Paradea, the Bifacial Glass-Glass multi busbar PV modules are made with utmost precision to ensure LCOE cutback along with less BOS cost improving value proposition of the modules along with up to 25% bifacial gain and additional power yield with 30 years of performance lifetime and 0.5% annual degradation.



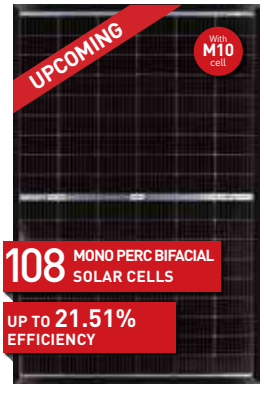
Paradea up to 605W



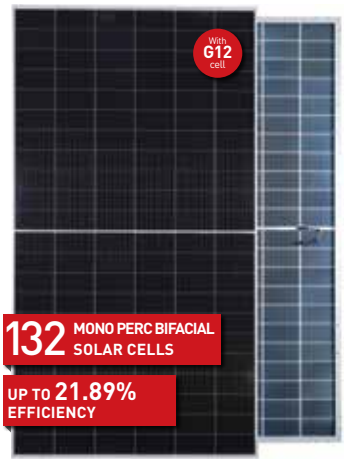
Paradea up to 560W



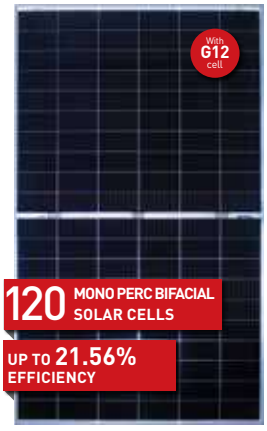
Paradea up to 465W



Paradea up to 420W



Paradea up to 680W

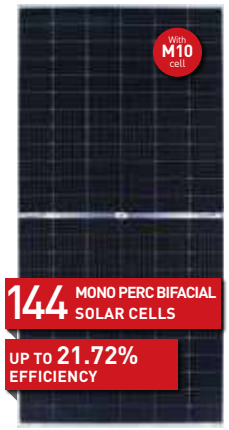


Paradea up to 610W

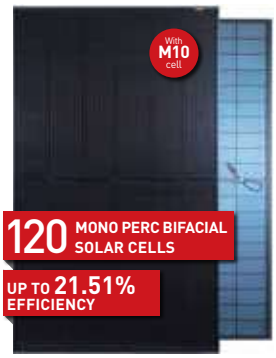
PREXOS – Bifacial Glass to Transparent Backsheet module

HIGH EFFICIENCY BI-FACIAL GLASS TO TRANSPARENT BACKSHEET PV MODULES

Prexos, the Bifacial Glass to Transparent Backsheet multi busbar PV modules are comparatively lighter & applicable for rooftop projects with roofing material like asphalt shingle, metal, clay tile, slate, etc.

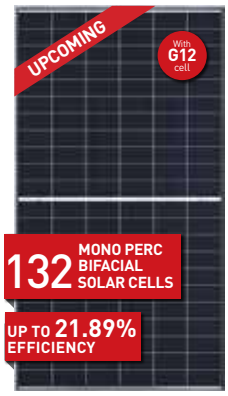


Prexos up to 560W

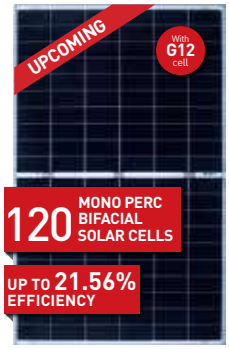


Prexos up to 465W

Prexos up to 420W



Prexos up to 680W

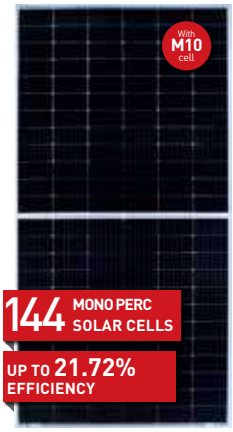


Prexos up to 610W

somera – Monofacial module

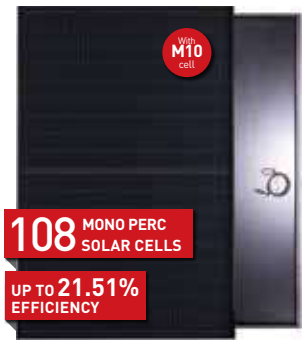
HIGH EFFICIENCY MONO FACIAL PV MODULES

Somera, the Monofacial multi busbar PV modules made with cylindrical tabbing wire increases cell absorption by enhanced scattering effect. Also decline in heat production reduces chances of hot spot generation in shaded conditions, lower heat production positively affects module longevity.

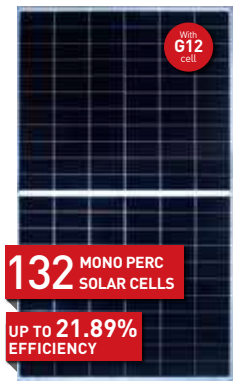


Somera up to 560W

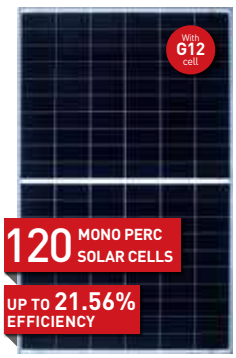
Somera up to 465W



Somera up to 420W



Somera up to 680W



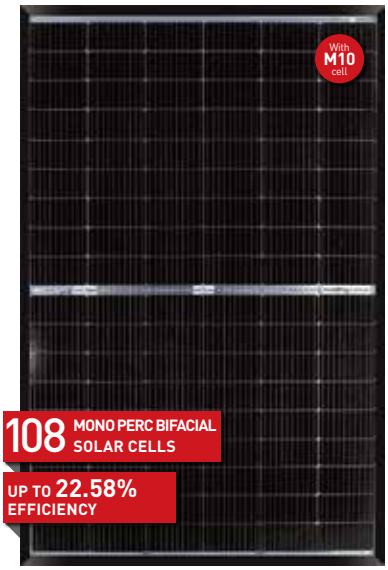
Somera up to 610W

OVERVIEW 2023/2024 — PORTFOLIO & NEW OFFERINGS

HYPERSOL — N-TOPCon cell module

HIGH EFFICIENCY N-TOPCon PV MODULES

Hypersol up to 580W



Hypersol up to 440W

Hypersol up to 715W

*Available with white/black backsheet, transparent/pattern backsheet, glass/mesh glass as substrate

Hypersol, the latest PV module from Vikram Solar is powered with N-TOPCon cells with improved longevity, excellent anti-PID performance via optimized process and materials control & with lesser susceptibility to LID & LeTID. A product, duly customised for utility as well as rooftop projects, across geographies & climate conditions.

Hypersol modules are an amalgamation of endurance and agility, a fusion of quality and performance, a blend of balance and flexibility.

Hypersol modules are available in both bifacial & monofacial format with 108, 132 & 144 cells, with alloy steel frame and aluminium frame.

LOWER LCOE

- Lower balance of systems cost
- Improves value proposition of the product with competitive ROI
- Aesthetically appealing and higher generation achieved with patterned/mesh variants

PREMIUM PERFORMANCE PARAMETERS

- N-TOPCon solar cell with up to 85% bifaciality, brings higher energy yield from rear side
- Lower temperature coefficient minimizing generation losses at high temperature
- Excellent anti-PID performance via optimized process and materials control
- Lower susceptibility to LID & LeTID

HIGHLY AUTOMATED PRODUCTION LINE

- Multi stage EL and digitalized visual inspection results lower defect rates
- Implemented engineering excellence ensures top notch quality
- High-capacity stringer with integrated LASER cutting and string EL facility
- Double side heating and stacking laminator

PROLONGED SAFETY ASSURANCE

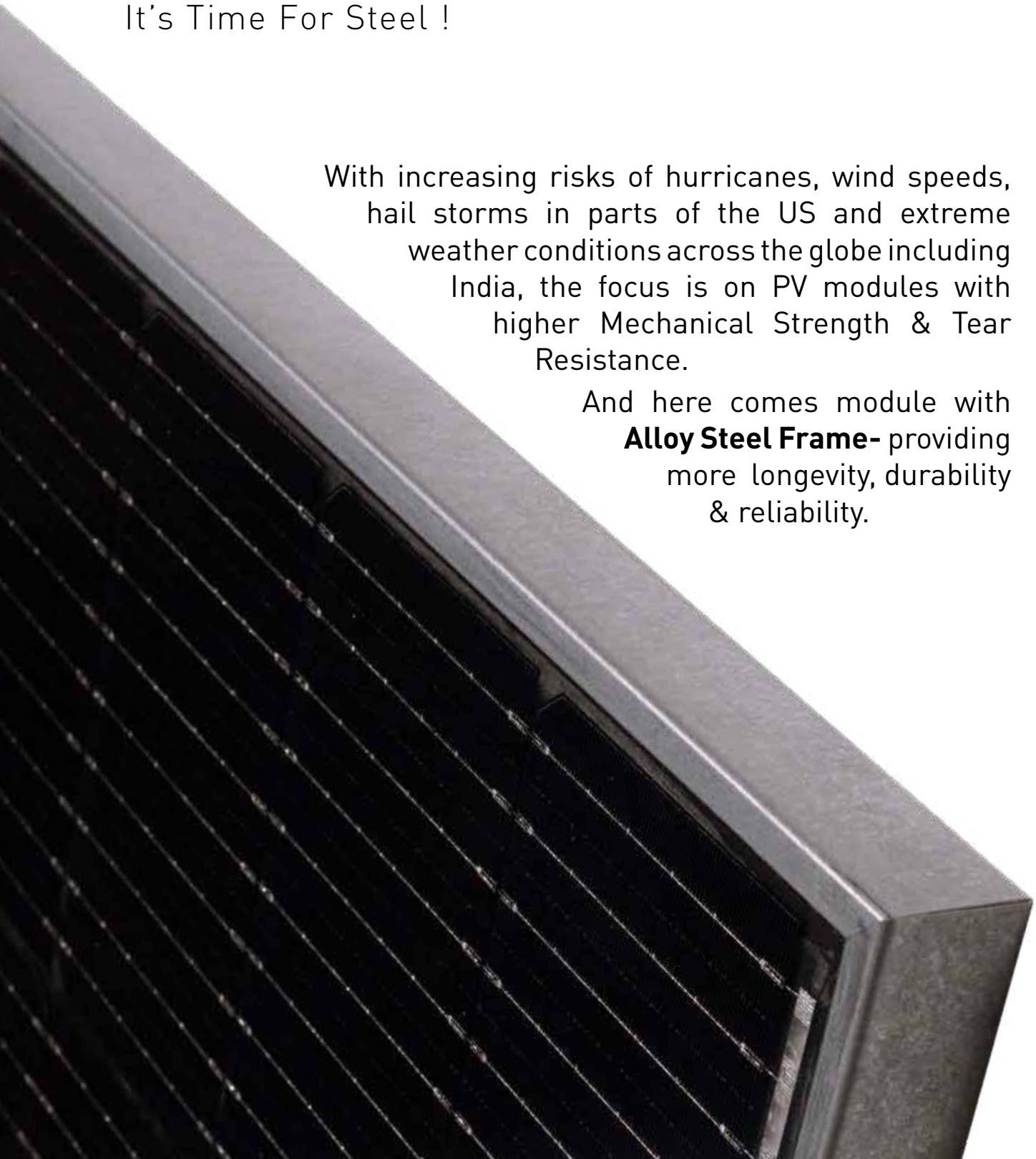
- IP68 with potting JB provides higher level of water ingress protection
- High insulation resistance for ensuring electrical safety

SOLAR REIMAGINED 2.0

It's Time For Steel !

With increasing risks of hurricanes, wind speeds, hail storms in parts of the US and extreme weather conditions across the globe including India, the focus is on PV modules with higher Mechanical Strength & Tear Resistance.

And here comes module with **Alloy Steel Frame-** providing more longevity, durability & reliability.



- Alloy steel frame module requires lesser energy in comparison to Aluminium frame module, results into carbon footprint reduction
- Alloy steel frames have better tensile strength and elastic modulus than aluminium frame, resulting in more mechanical strength & durability

MECHANICAL STRENGTH

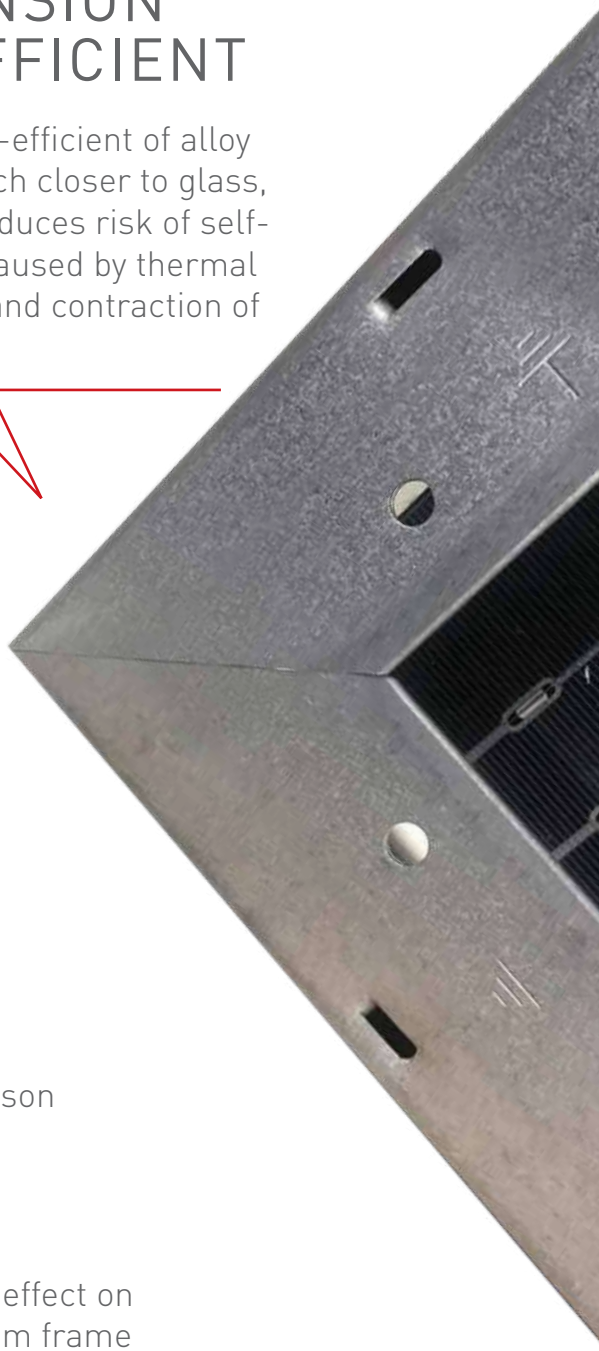
More resistance to deformation under heavy pressure, thus resulting in lesser cell crack

TEAR RESISTANCE

More tear resistance help to sustain wind load without tearing mounting hole

THERMAL EXPANSION CO-EFFICIENT

Thermal co-efficient of alloy steel is much closer to glass, thus this reduces risk of self-explosion caused by thermal expansion and contraction of modules



SALT MIST CORROSION

No salt mist corrosion like situation is found in alloy steel frame

ACID CORROSION

Exposure to severe acidic environment results in corrosion in both frame type modules, however more corrosion is observed in aluminium frame in comparison to alloy steel frame

AMMONIA CORROSION

Exposure to ammonia environment has no corrosive effect on alloy steel frame but dark spot is formed on aluminium frame

HERE'S TO THE FUTURE...

Committed to aid the world towards a speedy solar energy transition, we have opened up a new solar photovoltaic (PV) module **1.3 GW** manufacturing facility located at Indospace Industrial Park, Oragadam, Tamil Nadu.

Our latest capacity expansion with this facility has made us India's one of the largest solar PV module manufacturer with annual rated production capacity of **3.5 GW**.

The machineries deployed at the factory and the convergence of digitization with manufacturing will help us set new trends in the solar industry with innovative products.

Our Oragadam facility is equipped with advanced automation & compatible to manufacture upcoming technology modules such as G12 cell powered modules, bifacial glass-glass & glass to transparent backsheet & smart modules with mono PERC and N-TOPCon cells, with alloy steel and aluminium frame.

Also, the facility is strategically located with access to ports, rail and roads helping facilitate both our domestic as well as international operations.

INTERNATIONAL REFERENCES*


Photo Courtesy by Eitri Foundry

8.55 MW

LOCATION ..... Ohio, USA
TYPE ..... Ground-mounted


Photo Courtesy by ENGIE Fabricom

5 MW

LOCATION ..... Kent, UK
TYPE ..... Ground-mounted


Photo Courtesy by Greencells USA Inc.

4.2 MW

LOCATION ..... Charlotte, North Carolina, USA
TYPE ..... Ground-mounted


Photo Courtesy by TESCO Engineering/Inergion

1 MW

LOCATION ..... Kastoria, Greece
TYPE ..... Ground-mounted

500 kW

LOCATION ..... Tallinn, Estonia
TYPE ..... Rooftop

* Vikram Solar supplied modules only

INTERNATIONAL REFERENCES*

312 kW

LOCATION ..... Helsinki-Vantaa Airport, Finland
TYPE ..... Rooftop

318.25 kW

LOCATION ..... Northacre, UK
TYPE ..... Rooftop

300 kW

LOCATION ..... Almyros, Greece
TYPE ..... Rooftop

249.9 kW

LOCATION ..... Leominster, UK
TYPE ..... Ground-mounted

216.25 kW

LOCATION ..... Kent, UK
TYPE ..... Rooftop

* Vikram Solar supplied modules only

VIKRAM SOLAR

SOLUTIONS

> We are pleased to join hands with Vikram Solar for this prestigious project, which will set a benchmark in the country.

Sunil Wadhwa

Managing Director of IL&FS Energy, India

EPC KEY FACTS

EPC SOLUTIONS...

We are a comprehensive EPC solutions provider, deploying world class technology to design, install and commission benchmark solar projects. We are among the top five EPC players in India by installed EPC base and have more than a decade of experience in executing solar EPC projects and have more than 300^ projects with an aggregate capacity of 1.42 GW^.

The company, over the years, has developed an internationally accredited expertise in engineering and technology, procurement and project management, construction and commissioning, with a strong command over asset management.

OUR EPC DIVISION OFFERS

EXPERIENCE

- Proven track record of more than 1.42 GW^ solar capacity in India

EXECUTION EXCELLENCE

- State of the art machinery to install & commissioning the projects across different geographies & climate conditions

INNOVATION

- Has to its credit the commissioning of India's 1st floating solar power plant at Smritiban, New Town, Kolkata

EXPANSE

- Pan-India presence in 24 states and 3 union territories and modules shipped globally to 32 countries

QUALITY

- Focus on R&D, in order to develop reliable and updated solar solutions to our customers
- BOS (Balance of systems): procuring the right components to successfully install & commission PV power plants

...SCOPE OF SERVICE

DESIGN & ENGINEERING

We utilize solar engineering design tools and software, like solar PV case, ETAP (Electrical Power System Analysis Software), Civil 3D which enables us to provide optimized and accurate project array designs

CONSTRUCTION

We undertake various processes such as site assessment, system design and approval, installation, interconnection and finally commissioning for seamless delivery of power from the project to the interconnection point of power evacuation

PROCUREMENT

We have a network of vendors and suppliers spread across India and abroad. Our supply chain team manages the supply of the entire EPC package including inverters, transformers, MMS, plant monitoring systems which is required for turnkey installation of projects

QUALITY ASSURANCE

Our quality management system entails rigorous testing and quality assurance processes, and continuous quality improvement

^September 2023, includes ongoing projects

CAPTIVE KEY FACTS

CAPTIVE SOLUTIONS...

Going Solar is one of the most viable & cost-effective solution to address the ever increasing energy demand of the industrial sector.

HOW IT WORKS?

Under the captive/group captive model, a solar project is developed for the internal usage of one or more corporate buyers either singly or collectively. The Electricity Rules 2003 of India state that in relation to a captive generating power plant, not less than 26% ownership shall be held by the captive users, and not less than 51% aggregate electricity generated, on an annual basis, shall be consumed on a captive basis. Further, cross subsidy surcharge is completely exempted in captive and group captive projects, as per India's Electricity Act of 2003.

...WHY VIKRAM SOLAR

NO TECHNICAL EXPERTISE REQUIRED

Vikram Solar, with its EPC experience & turnkey projects execution, will provide the required turnkey EPC solution while installation & commissioning the solar plant with all pre-requisite regulatory approvals from the DISCOM/respective authorities and due-diligence

SINGLE POINT OF RESPONSIBILITY

Sustainable Operations & Maintenance: Our dedicated team of asset management experts will look after the solar plant over its full life-cycle

OUR IN-HOUSE EPC STRATEGY TEAM

Our team will ensure the completion of your solar plant from concept to commissioning

TURNKEY EPC SERVICES OFFERED

- Risk analysis
- Turnkey project execution at different stages of the project, including:
- Facilitating to obtain Government & Statutory approvals
- Site survey
- Basic and detailed engineering
- Execution
- O&M

LARGE SCALE MW INSTALLATIONS

FOR INSTANCE...

We have vast experience in executing large scale solar projects. Have a look at our track record.

225 MW

CLIENT ..... NTPC Ltd.
LOCATION ..... Bilhaur, Kanpur, UP
TYPE ..... Ground-mounted

200 MW

LOCATION ..... Ananthapuramu, Andhra Pradesh
TYPE ..... Ground-mounted

130 MW

CLIENT ..... NTPC Ltd.
LOCATION ..... Bhadla, Rajasthan
TYPE ..... Ground-mounted

80 MW

LOCATION ..... Charanka, Patan, Gujarat
TYPE ..... Ground-mounted

50 MW

CLIENT ..... NTPC Ltd.
LOCATION ..... Mandsaur, Madhya Pradesh
TYPE ..... Ground-mounted

40 MW

LOCATION ..... Kachaliya, Madhya Pradesh
TYPE ..... Ground-mounted

20 MW

CLIENT ..... WBSEDCL
LOCATION ..... Patni and Salboni, Paschim Medinipur, West Bengal
TYPE ..... Ground-mounted

10 MW

CLIENT ..... BEL
LOCATION ..... Itarsi, Hoshangabad, Madhya Pradesh
TYPE ..... Ground-mounted

10 MW

CLIENT..... SECI
LOCATION..... Badi Sid, Jodhpur, Rajasthan
TYPE..... Ground-mounted

5 MW

CLIENT ..... Bharat Dynamics Ltd.
LOCATION ..... Ibrahimpatnam, Telangana
TYPE ..... Ground-mounted

COMMERCIAL AND INDUSTRIAL

COMMERCIAL AND INDUSTRIAL SOLUTIONS...

Since 2009, Vikram Solar has undertaken various C&I rooftop projects across geographies and industry sectors. Our projects are spread across India and our cross industry EPC experience in building rooftop solar plants in difficult terrains, high altitudes, and coastal areas is testimony to our prowess in the domain.

With customer centricity as our core business strategy, our dedicated teams work in strong cohesion to deliver customized solutions to our customers keeping a delivery focused approach and excellence as the crux of our initiative.

We have more than 190* rooftop installation projects (both private and public) which have been executed or are under execution, in major geographies and industry sectors having a cumulative capacity of 81.35 MW. In particular, we installed India's one of the largest 'Carport' solar rooftop Installation of 5 MWp at Maruti Udyog Limited, Gurugram and also installed Eastern India's largest "Single Shed" solar project with a capacity of 2.15 MW of Keventers.

*Till July, 2023

...PARTNER OF CHOICE

SMART INVESTMENT

100% payment upfront provides your business the complete ownership of the solar plant with facilities for maintaining, acquiring or improving the asset

SMART ASSET MANAGEMENT

Cost of expenditure is spread over the useful life of the asset

SMART TECHNOLOGY

- Excess or shortage of power can be provided or drawn from the grid, respectively
- Manufacturing excellence- Powered by German, US, Swiss & Japanese technology & international accreditation
- Partnership with international technology giants
- ISO 9001:2015 certified manufacturing unit

SMART PERFORMANCE

- High efficiency- mono & bi-facial, half-cut with N-TOPCon & mono PERC cell modules
- 27/30 years of linear performance warranty
- BIS certified (IS 14286) modules

SMART AFTER SALES SERVICE

- O&M excellence with an experienced team across India
- Prompt after sales service
- ISO 9001:2015 certified EPC & O&M division

C&I-ROOFTOP AND SPECIAL PROJECTS

ON TOP

Few of our C&I-Rooftop, Carport and Floating solar projects spread across India.

CARPORT PROJECT

5000 kW

CLIENT ..... Maruti Udyog Limited
LOCATION ..... Gurugram, India
TYPE ..... Carport

4344 kW

CLIENT ..... Indian Oil Corporation Ltd.
LOCATION ..... Multiple Cities, India
TYPE ..... Rooftop

3272 kW

CLIENT ..... WBPDCL
LOCATION ..... Bakreswar and Santaldih, West Bengal, India
TYPE ..... Rooftop

2150 kW

CLIENT ..... Keventer Agro Ltd.
LOCATION ..... Kolkata, West Bengal, India
TYPE ..... Rooftop

2000 kW

CLIENT ..... Netaji Subhash Chandra Bose International Airport - AAI
LOCATION ..... Kolkata, West Bengal, India
TYPE ..... Rooftop

1500 kW

LOCATION ..... Pune, Maharashtra, India
TYPE ..... Rooftop

919.73 kW

CLIENT ..... Vikram Solar Ltd.
LOCATION ..... Falta, West Bengal, India
TYPE ..... Rooftop

725 kW

CLIENT ..... Dibrugarh Airport - AAI
LOCATION ..... Dibrugarh, Assam, India
TYPE ..... Carport

FLOATING SOLAR PROJECT

56000 kW

CLIENT ..... NTPC Ltd.
LOCATION ..... Kawas, Surat, Gujarat India
TYPE ..... Floating and Ground Mounted

10 kW

CLIENT ..... Arka Renewable Energy College
LOCATION..... New Town, Kolkata, West Bengal, India
TYPE ..... Floating

OPERATIONS AND MAINTENANCE

O&M SOLUTIONS...

At Vikram Solar, with our state-of-the-art manufacturing equipments, robust in-house processes and systems, over the years, we have developed internationally accredited expertise in engineering and technology, procurement and project management, construction and commissioning, with a strong command over asset management.

The O&M team practises and maintains industry standards like Six Sigma at project sites.

FEATURES

MORE THAN 1000 MW of asset management experience in India

SCADA AND IOT BASES DEVICES for accurate recording of data

ISO 9001:2015 Certified EPC and O&M division

WHAT WE OFFER

DATA ANALYSIS

Expertise to interpret the plant data-gathered & stored in the cloud, analyse and take necessary actions to ensure smooth operations of the solar plant

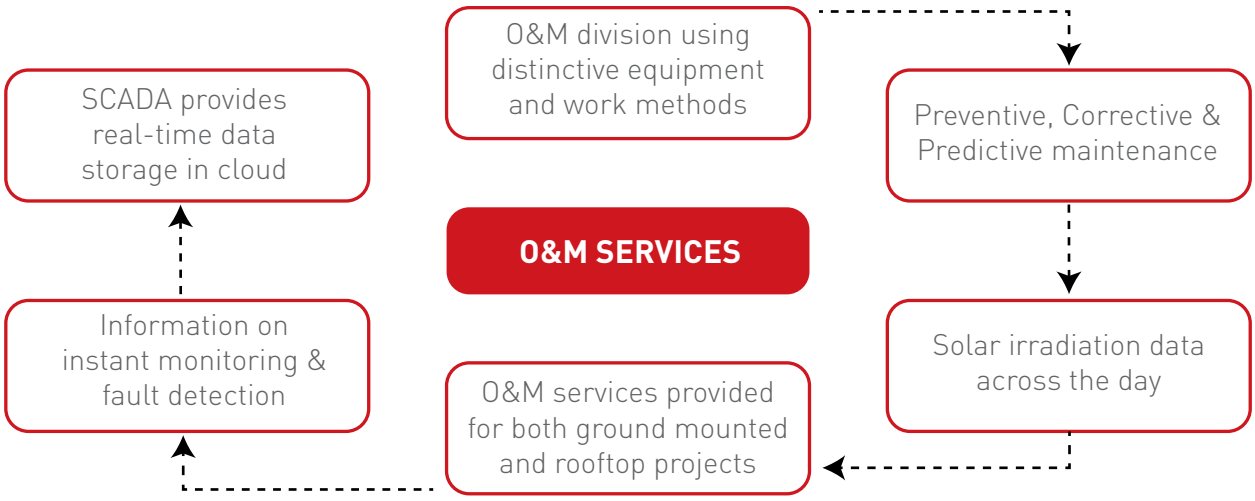
TILT MONITORING SYSTEMS

Tilt monitoring systems to calculate the optimal tilt angle for solar power plants and the date when tilts should be changed based on the actual on-site data

MANAGING TECHNICAL AND ADMIN PROCESSES

Manage the technical and admin processes by verifying contractual obligations and maintaining customer & vendor relationships

We continue to enhance our O&M practices by moving from conventional reactive maintenance to predictive maintenance through the use of advanced analytics and artificial intelligence. This helps us to track comparative performance across sites.



PROCESSES WE FOLLOW

- Project Management Scheduling
- Testing & Inspection
- Remote Monitoring, Predictive & Preventive Report Analysis
- Innovation in O&M by using robotic cleaning, etc

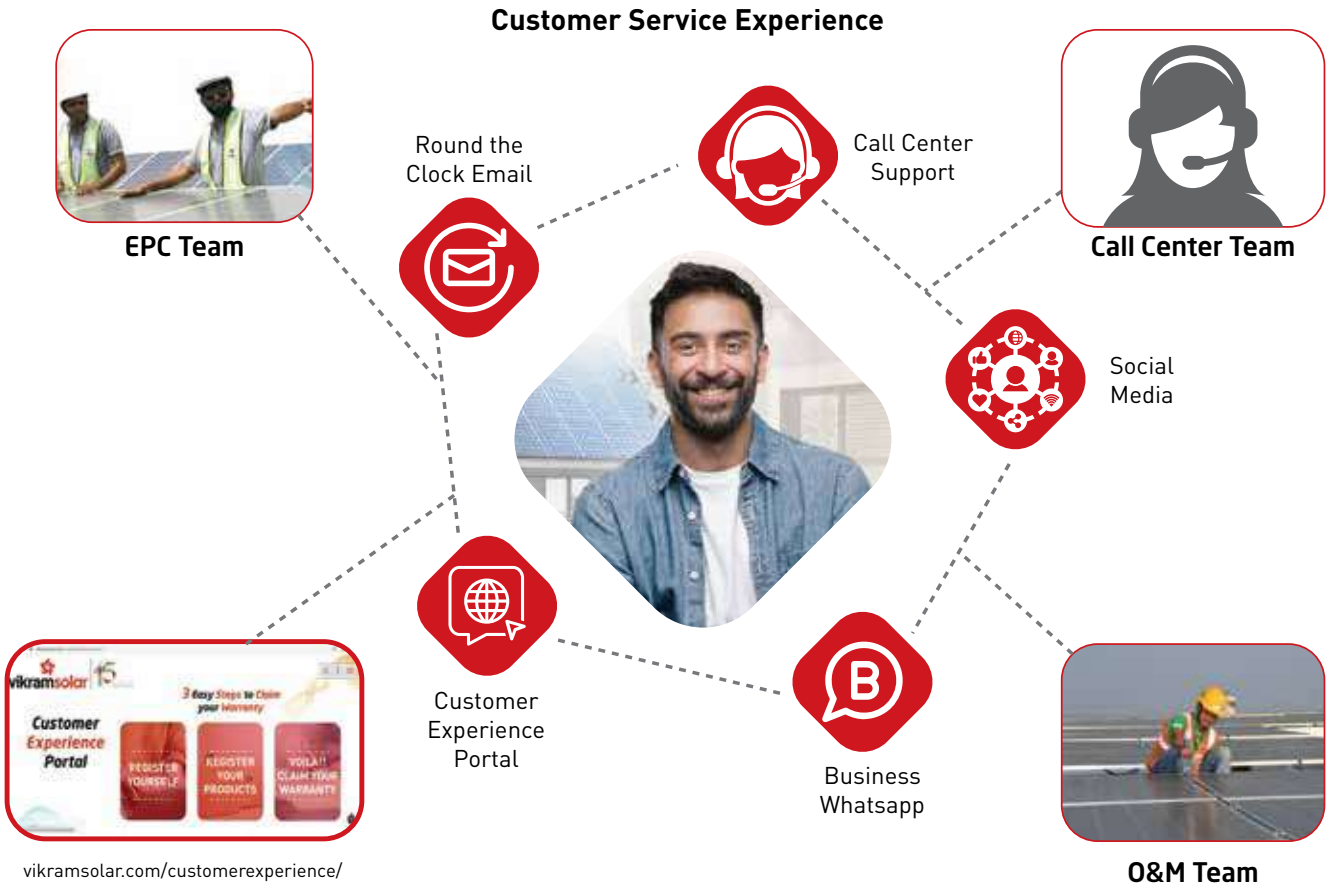
CUSTOMER EXPERIENCE

VIKICARE

Our Customer Experience Portal rebranded as **VIKICARE**, developed specifically for retail customers and channel partners, aims to provide seamless customer experience to queries related to our solar products.

VIKICARE provides an online solution where the end customer can register their products, generate and claim warranty, raise service support requests in 3 easy steps, online.

Additionally, to engage the users the section will be populated with VS product related information, upcoming products, articles, insight papers, newsletters, latest news, etc. along with few engaging quizzes.



AN ENHANCED...

User experience- Registering, generating warranty and raising service requests can be done in 3 easy steps, thereby ensuring faster TAT of queries raised.

User engagement- Allow the end users to upload the photos of the installed PV modules on the portal and tag Vikram Solar, play fun quizzes that are generated from time to time.

Customer repository- Capture end customer data base for future loyalty programs and collect user feedback to cater the customer sentiment in a better way.

VIKICARE'S ADVANTAGE

- Create a customer experience that is different from other solar companies
- Increase transparency between customer and manufacturer
- Provide a one stop solution for queries related to Vikram Solar products
- Single platform for generating and claiming warranty, getting the queries addressed instantly
- Negate manual intervention thereby reducing operational delay

“Businesses succeed when societies themselves succeed.”

Ban Ki-moon

Ex-Secretary General of the United Nations

VIKRAM SOLAR

CSR

CSR

HOW WE CARE

Environment, Social and Corporate Governance Initiatives

Our business is environmentally focused and our operations at Falta & Oragadam are certified under ISO 14001:2015 standard for environment management. Our CSR initiatives are focused on the welfare of the communities in which we operate, through education and healthcare initiatives.

We have a corporate social responsibility committee that guides us in integrating our social and environmental objectives with our business strategies. Through our CSR initiatives, we aim to promote education among the underprivileged and take initiatives to aid health and culture.




A FEW KEY CSR ACTIVITIES UNDERTAKEN IN RECENT YEARS AS FOLLOWS:

- Distributed food items through various collaborations with non-governmental organizations such as the Akshaya Patra Foundation and also made a contribution to the West Bengal Chief Minister Relief Fund
- Contributed to Vedanta Cultural Foundation and Yashvi Art Foundation for protection of national heritage, art and culture
- Promoted education among less privileged children by distributing tablets to students, thereby enabling them to study from home
- Contributed to the Shri Ram Janmabhoomi Teerth Kshetra Trust for construction of Navya Ayodhya model town in Ayodhya as part of a rural development project
- In the aftermath of the devastation caused by Cyclone Amphan in May 2020, we undertook immediate relief efforts and distributed food bags and relief materials and helped reconstruct homes for the less privileged. We also collaborated with the Bengal Chamber of Commerce and Industry to help the afflicted by distributing food and other relief materials to manage disaster caused by Amphan Cyclone

SUMMARY

“I’d put my money on the sun and solar energy. What a source of power! I hope we don’t have to wait until oil and coal run out before we tackle that.”

Thomas Edison

Inventor

VALUES

WHY CHOOSE VIKRAM SOLAR?

We are building the future and leading the growth, demonstrating integrity, responsibility and constant development.

Responsibility

Responsible business values: We believe that any business we venture into must be socially valuable. Helping people, societies and countries at large is our chief focus to achieve growth.

Responsible societal values: We make a positive difference to the communities we are a part of. We have helped many to lead an improved life by empowering them through access to education, health, sanitation and employment.

Responsible environmental values: We respect our environment and it reflects in our decision making. We help our customers do the same by providing clean, efficient and healthy solutions and products.

Constant Development

Delivering value and service to our customers with our futuristic outlook towards business and growth.

We encourage ideas and innovation to flow freely and we continuously focus on non-conventional thinking.

Integrity

Integrity is imbued in our nature. We have always conducted and supported a culture of fair business conduct and transparency. By demonstrating honesty in all our business dealings, we have built trust among all our customers, dealers and other parties who have been engaged with us.

DURABILITY
Warranty terms of 27 /30 years

RELIABILITY
6 times top performer in the PV Evolution Labs Top Performers Reliability Scorecard#

INNOVATION
Built India's 1st floating solar power plant

EXPERIENCE
Proven track record of more than 1350 MW[1] of Ground Mounted EPC in India

GLOBAL REACH
Presence across 32 countries

[1]Till September 2023, includes ongoing | #2017,2019,2020,2021,2022

CUSTOMER & PARTNER REFERENCES

SOME OF OUR CUSTOMERS...

> Quality, performance and durability of the solar panels were key criteria for choosing Vikram Solar and Finnwind for this project.

Janne Tarvainen

Managing Director of Finnair Cargo

LIST OF AWARDS

OUR ACHIEVEMENTS...

Historical milestones and a range of accomplishments illustrate our company's journey - here is an overview from last few years:

2015

- Valued Intersolar Speaker 2015

2017

- 'Best Solar Energy Solutions Provider 2017' at APAC Business Awards, 2017

2018

- 'SD's No. 1 Solar PV Panel Manufacturer of the Year' Award at SD Solar Awards, 2018
- 'Manufacturer Leadership Award Solar Sector' at West Bengal Manufacturing Leadership Awards 2018
- 'Top Exporter, West Bengal-MSME' at 6th Export Excellence Awards 2017-18
- 'West Bengal Best Employer Brand Awards 2018' at 13th Employer Branding Awards.

2019

- 'Outstanding Contribution in Renewable Energy EPC for 80 MW Solar Project in Charanka, Gujarat' at 8th EPC World Awards 2019
- 'Best Performing Modules of the Year-Domestic Manufacturer - Utility Solar' at RE Assets Excellence Awards 2019

2020

- Module Company of the Year: Testing Equipments' Award at PV Module Tech India Awards, 2020
- 'Module Manufacturer of the Year: Make in India' Award at PV Module Tech India Awards, 2020
- 'Outstanding Technology Innovation of the Year' Award at PV Module Tech India Awards, 2020
- 'Smart Technology Innovation of the Year' Award at PV Module Tech India Awards, 2020
- Technology of the Year: Utility Solar Module' Award at PV Module Tech India Awards, 2020
- 'India's Leading Brands Rising Star 2020' by the Brand Story

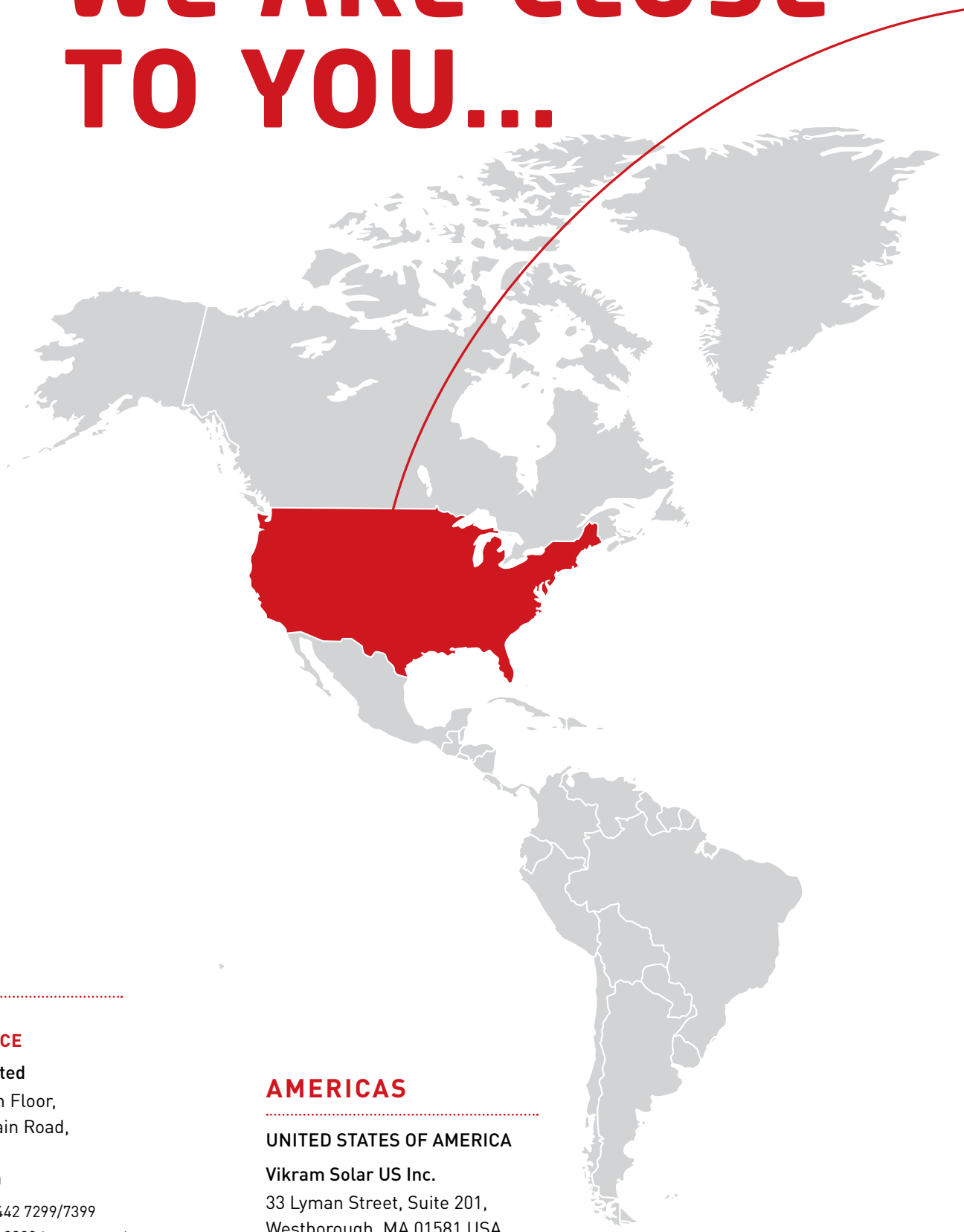
2021

- Won 2 awards in Company of the Year: EPC and Outstanding Product Innovation of the Year from solar quarter's India Utility Solar Week Awards in November


FICCI

GLOBAL PRESENCE

WE ARE CLOSE TO YOU...



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NOTES

vikramsolar
CREATING CLIMATE FOR CHANGE

FORTUNE INDIA THE NEXT 500

vkrm-CorpBrch-IND-Aug-SPI-2023

vikramsolar.com

SCAN TO EXPLORE