

We strive to pioneer innovative adoption of solar energy solutions and were the first in launching several solar projects in India, as illustrated below:

Designed and installed the world's first **fully solarized airport** in Kochi, Kerala of 100 kW capacity

To feature in the KIWA Photo-Voltaic Evolution Labs (PVEL) **module reliability scorecard** in 2017 and for the 6th consecutive time since 2019

To be listed as one of the first few players to introduce **half-cut cell module** technology in India as per ALMM notified by MNRE in March 2021

ACCREDITATION & AUDIT

TC- 11358
NABL

Traceability Audit by

Beyond Inspection

Bankability Audit by

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

KEY MILESTONES

Vikram Solar incorporated

Contributed to **1st fully solarised Airport**, Cochin International Airport, Kerala

500 MW annual rated production capacity reached

Commissioned East India's **Largest single shed** rooftop project- 2.15 MW
200 MW plant commissioned in Andhra Pradesh for state power generation company

NABL accreditation of R&D laboratory
World's 1st solar company to be certified for M10 & G12 cell modules as per latest standards from TUV Rheinland
UL 61215: 2021/ UL 61730- 1 & 2: 2022
3.5 GW annual rated production capacity reached

4.5 GW annual rated production capacity reached

2005

2011

2013

2014

2015

2017

2019

2022

2023

2024

2025

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

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

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

1 GW annual rated production capacity reached

2.5 GW annual rated production capacity reached

7th time KIWA PVEL Top Performer
BloombergNEF Tier 1 Module Manufacturer

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LOCATIONS

India: Kolkata | Gurugram | Chennai

International: USA | Germany | China

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CREATING CLIMATE FOR CHANGE

ANNUAL RATED PRODUCTION CAPACITY
4.5 GW

TIER 1
Bloomberg
NEW ENERGY FINANCE

SCAN TO REIMAGINE SOLAR

SOLAR PV MODULES SUPPLIED TO THE US

CUSTOMERS

AMP Solar Development Inc. (Our customer since 2019)
Southern Current | Standard Solar Inc. | Safari Energy, LLC

STATES

UT Utah
IN Indiana
OH Ohio
TN Tennessee
GA Georgia
SC South Carolina
NC North Carolina
PA Pennsylvania
MD Maryland
NY New York
CT Connecticut
MA Massachusetts
ME Maine

SOLAR PV MODULES SUPPLIED TO EUROPE

COUNTRIES

UNITED KINGDOM Carey Glass UC
Edmundson Electrical Ltd
Moss Electrical Co.Ltd
Solar Technology International Limited

SPAIN Bet Solar (Our customer during the year 2016-2017)

FINLAND Finnwind

ESTONIA Inergion SA
Eneria OU

IRELAND Carey Glass UC

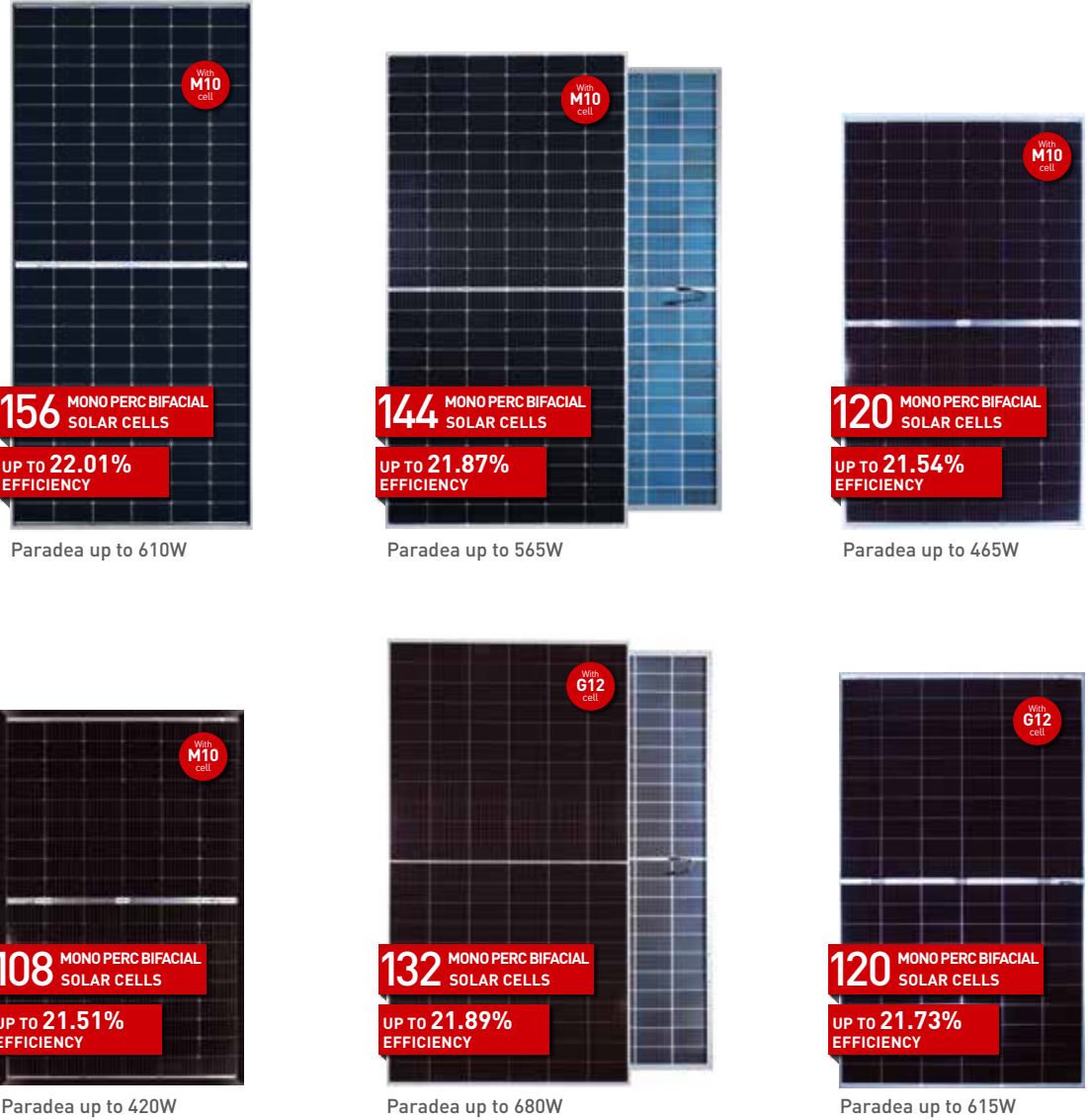
DENMARK Klimaenergi A/S

PICK WHAT YOU NEED...

PARADEA — Bifacial Glass-Glass module

HIGH EFFICIENCY BI-FACIAL GLASS-GLASS PV MODULES

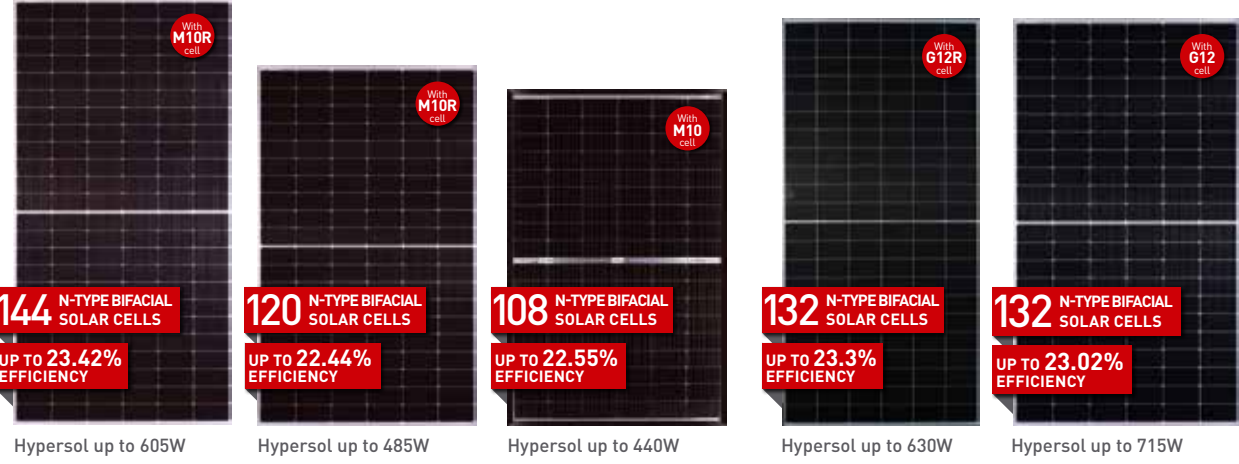
Paradea, the Bifacial Glass-Glass multi busbar PV modules are made with utmost precision to ensure LCOE cutback along with less BOS cost improving value proposition of the modules along with up to 25% bifacial gain and additional power yield with 30 years of performance lifetime and 0.5% annual degradation.



HYPERSOL — N-TYPE cell module

HIGH EFFICIENCY N-TYPE PV MODULES

Hypersol is our latest N-TYPE cell module available in bifacial format with 108, 120, 132, 144 & 156 cells, with alloy steel frame and aluminium frame.



SURYAVA — HJT solar cell & module

HIGH EFFICIENCY HJT PV MODULES

Suryava, module with Heterojunction technology increases efficiency, performance, and durability to the next level.

HJT is the combination of two technologies into a single PV cell- a crystalline silicon cell sandwiched between two layers of amorphous thin-film silicon.

- The top layer of amorphous silicon catches higher spectrum of sunlight before it hits the crystalline layer
- The monocrystalline silicon, the middle layer, is responsible for turning most of the sunlight into electricity
- The final amorphous silicon layer captures the remaining photons that surpass the first two layers

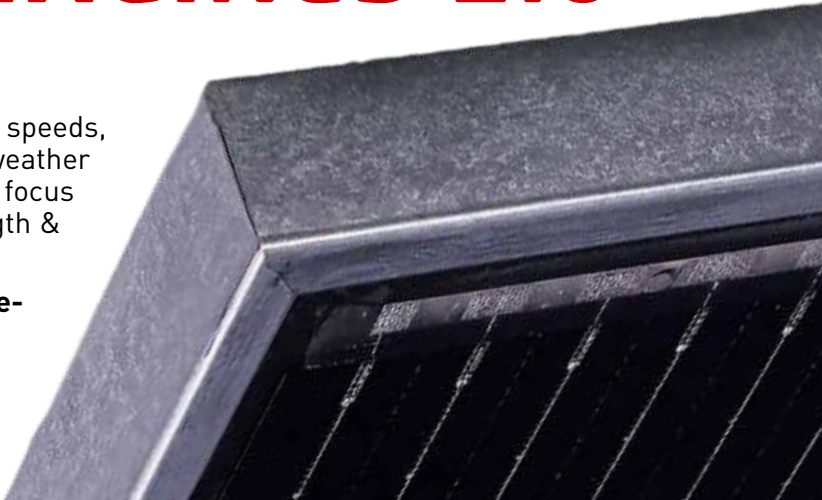
This combined process allows more energy to be harvested as opposed to using them individually, resulting in efficiencies of 23% or higher.

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.



GLOBAL PROJECT REFERENCES



300 MW
NTPC LTD., NOKHRA, RAJASTHAN
GROUND-MOUNTED



225 MW
NTPC LTD., BILHAUR, KANPUR, UP
GROUND-MOUNTED



200 MW
ANANTHAPURAMU, ANDHRA PRADESH
GROUND-MOUNTED



919.73 KW
VIKRAM SOLAR LTD., FALTA, WEST BENGAL
ROOFTOP



130 MW
NTPC LTD., BHADLA, RAJASTHAN
GROUND-MOUNTED



80 MW
CHARANKA, PATAN, GUJARAT
GROUND-MOUNTED



56 MW
NTPC LTD., KAWAS, GUJARAT
FLOATING & GROUND MOUNTED



50 MW
NTPC LTD., MANDSAUR, MADHYA PRADESH
GROUND-MOUNTED



40 MW
KACHALIYA, MADHYA PRADESH
GROUND-MOUNTED



20 MW
WBSEDCL, PATNI AND SALBONI, PASCHIM MEDINIPUR, WEST BENGAL
GROUND-MOUNTED



10 MW
BEL, ITARSI, HOSHANGABAD, MADHYA PRADESH
GROUND-MOUNTED



10 MW
SECI, BADI SID, JODHPUR, RAJASTHAN
GROUND-MOUNTED



8.55 MW*
GRAFTON & MONTPELIER SOLAR PARK, OHIO, USA
GROUND-MOUNTED



5 MW
MARUTI UDYOG LIMITED, GURUGRAM, INDIA
CARPORT



4.35 MW
INDIAN OIL CORPORATION LTD., MULTIPLE CITIES, INDIA
ROOFTOP



4.2 MW*
GREENCELLS USA INC., CHARLOTTE, NORTH CAROLINA, USA
GROUND-MOUNTED



2.15 MW
KEVENTER AGRO LTD., KOLKATA, WEST BENGAL
ROOFTOP



1.04 MW*
LUXEMBOURG



741.76 kW*
LUXEMBOURG



312 kW*
FINLAND