



BETTER ENERGY FOR A CHANGING WORLD

Hiramrut
Serving Solar Industry Since 1984

Uratom[®]
The solar energy specialist

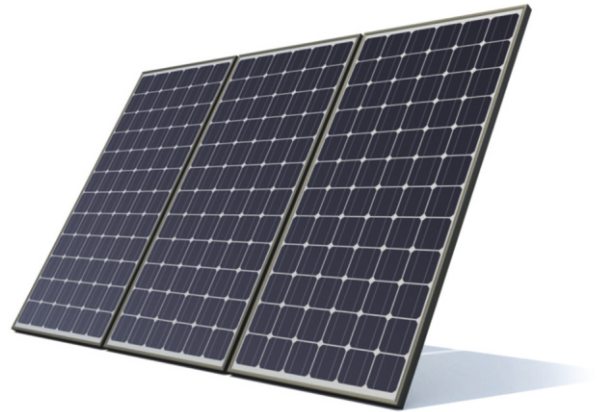
TECHNOLOGY DRIVEN

URATOM SOLAR (INDIA) PVT. LTD. is an ISO 9001:2015 and ISO 14001 certified company having 39 years manufacturing experience in eco-friendly products. URATOM products are certified with IEC & BIS certification.

URATOM manufactures products like Solar Water Heater, Solar Rooftop System, On Grid Inverter, Solar Pumps (PMSM), energy saving Heat Pump and now we are adding one more feather in the cap. It is in the form of **Solar Photovoltaic Panels** with 100 MW fully automatic European manufacturing line.

URATOM has state - of - art production line supported by its own in house robust R & D team. And URATOM is committed to match the outstanding quality with innovative features. URATOM will provide superior quality and highly efficient PV Modules with the range of 5BB to Multi BB Cell for small to large modules with unique aluminum frame.

MONO SERIES 360 WP – 580 WP



High Conversion
Efficient Photo Voltaic
Modules Based on
State-of-the-art
Manufacturing
Technology



Upto +3 Wp
Positive Power
Output Tolerance
Guaranteed Ensuring
Return on Investment

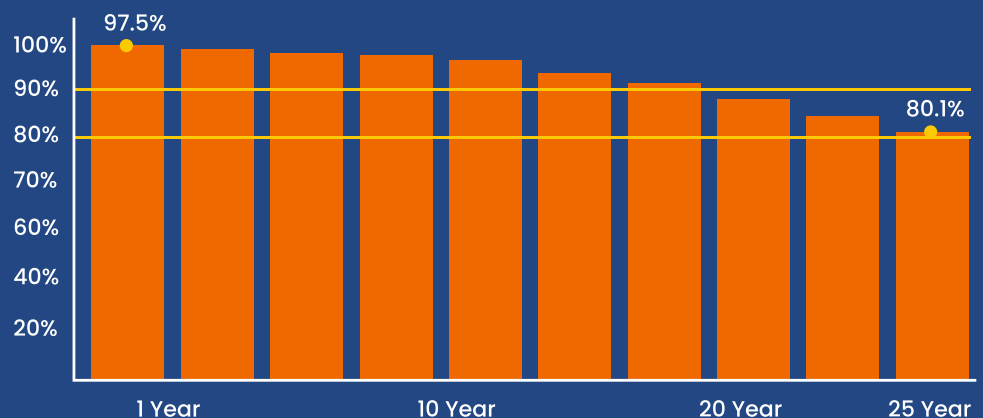


Extremely Reliable
Product With stands
High Wind Pressure
and Snow Load
& Temperature
Variations



Rigorous Quality
Control Meeting
The Highest
International
Standards

PERFORMANCE WARRANTY



STATE-OF-ART ENERGY TRANSFORMATION

100 MW CAPACITY OF SOLAR PV MODULE FROM EUROPEAN MANUFACTURERS



NDC MACHINE (NON DISTRACTIVE CUTTING)

- Lowest Chances of Micro Crack.
- 30% Higher Mechanical Strength of Cell.
- Lower the chances of Snailing.
- Increase Module Life & Efficiency.
- Best Quality Cut Cell (NDC).



SOLAR PV MODULES ASSEMBLY

Uratom is at the fore front of manufacturing advanced solar PV modules or solar panels that enable our customers to meet their energy requirements sustainably and efficiently. We design, engineer and manufacture high-quality solar PV modules that are built to last, delivering maximum efficiency and long-term performance.

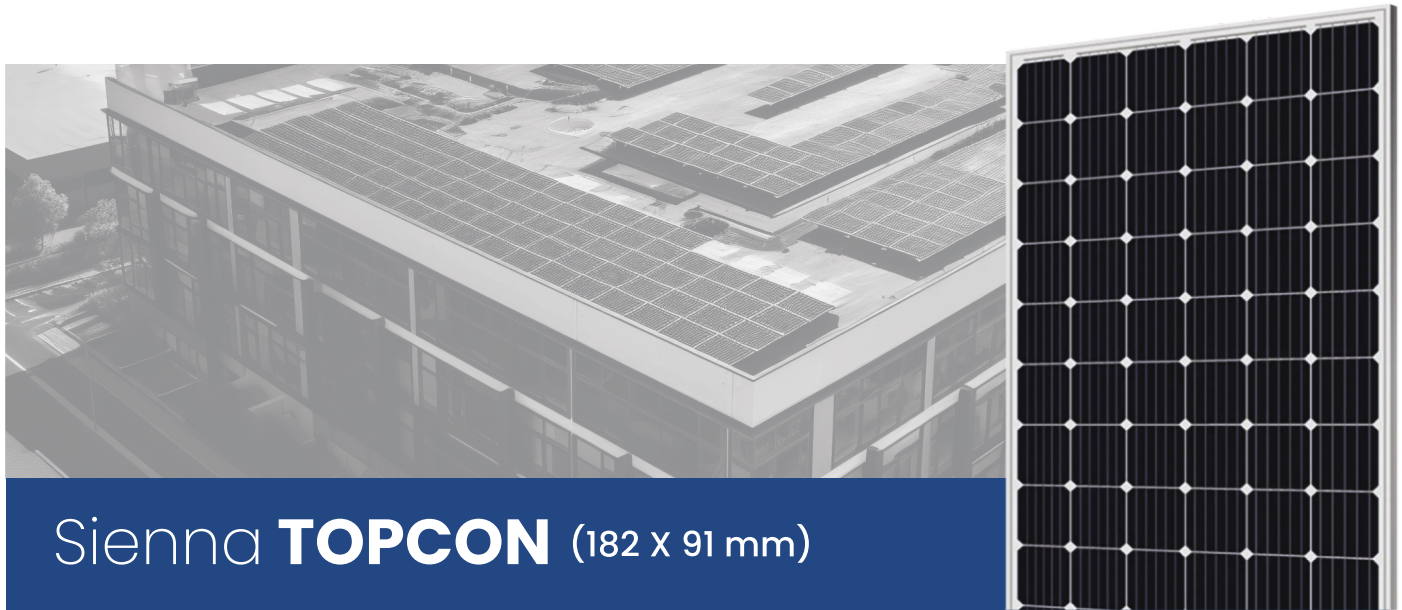
Our state-of-the-art manufacturing facilities with the latest European 12 BB automated line and cutting-edge technology ensure that our products meet the highest standards of quality and durability. With years of experience in the solar industry, we are dedicated to providing our customers with the best possible products and services.

We offer a range of different solar PV module options to suit different needs and applications, and our expert team is available to help you choose the best solution for your specific needs. Whether you're looking to power your home, business, or community, we have the expertise and resources to help you achieve your goals.

WHY URATOM **SOLAR PV MODULES?**

1. State-of-the-art European 5-12BB Automated Line.
2. Best Quality Cut Cell (NDC).
3. India's Strongest PV Modules (2.5 & 2.0 mm thick aluminum frames with Central Support)
4. Maximum Soldering area for better performance.
5. Accurate String alignment.
6. 330-580 WP range of PV Modules.
7. Uratom's Strong and experienced Network.
8. Lowest the chances of Snailing.





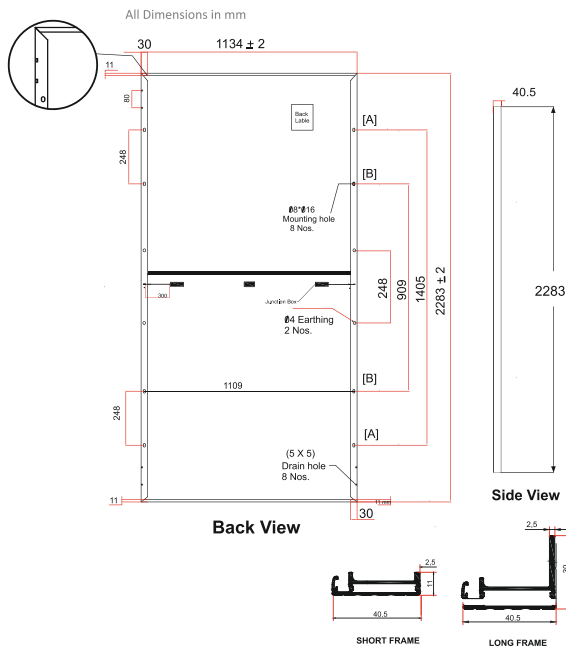
Sienna **TOPCON** (182 X 91 mm)

MODULE TECHNOLOGY **HALF CUT N-TYPE** WITH EXCELLENT QUALITY

144 Cells

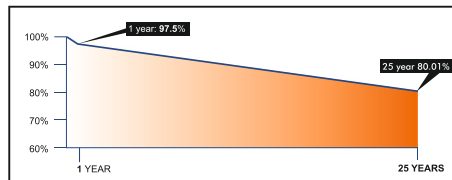
(Cell – 10BB) PV Modules

550–580Wp POWER OUTPUT RANGE



PERFORMANCE WARRANTY

Degradation rate:
10% degradation of power during 10years and
20% degradation of power during 20 years.



KEY FEATURES

ARC Tempered Glass

10 BB Solar Cell

EL Checked

IP67/IP68 JB

Anodize Aluminum

High Module efficiency

Tolerance ± 5W

Quality Assurance

WARRANTY

Performance Warranty

Product Warranty

25 years for linear power

10 Years

Mechanical Specification

Model	Sienna 144 Half Cut (N-Type) Cell Family
Cell Type	TopCon bifacial 10 BB
Junction Box	Splited Junction Box
Cable & Connectors	400mm with 4mm Mc4 Connector
Frame	Anodized Aluminum Frame (40.5mm Height x 2.5mm Thickness)
Glass Dimension	2278mm x 1128 x 3.2mm
Load Test	Front 5400 Pa, Back 2700 Pa
Back Sheet	PVDF 1500 VDC 350 MICRON TRANSPARENT SHEET
Application Class	Class A
Electrical Safety Class	Class II
Fire Safety	Class C (Type I)
Mounting Holes Pitch mm	[A] 1405 [B] 909



High
Efficiency



Better
Performance



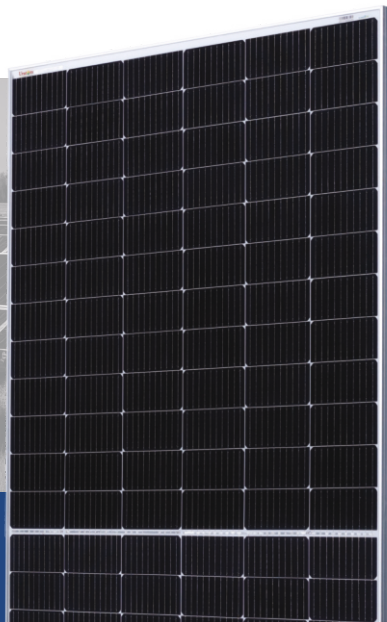
Enhanced
Performance



Outstanding
Durability



Global
Certifications

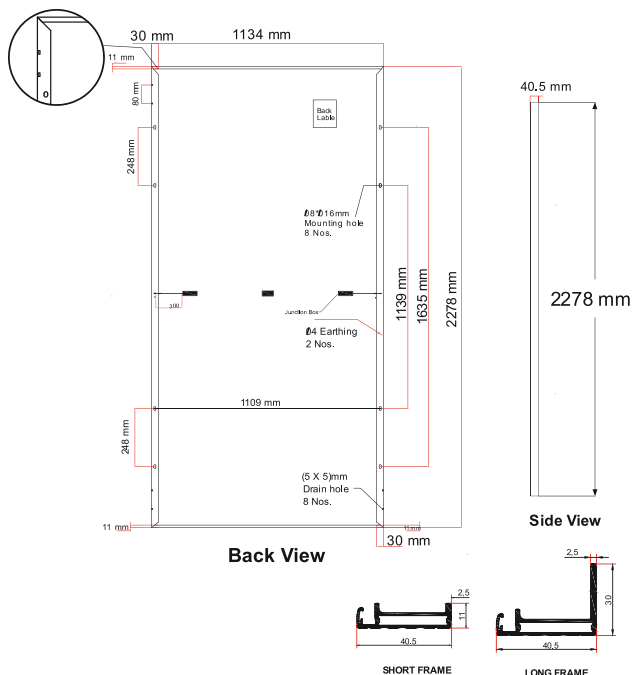


Helios **MONO SOLAR** (182 X 91 MM)

144 Cells

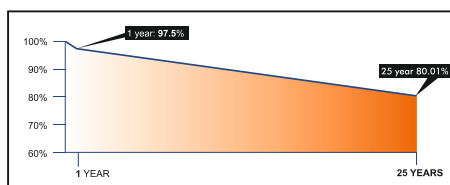
(Cell – 10BB) PV Modules

520–545Wp POWER OUTPUT RANGE



PERFORMANCE WARRANTY

Degradation rate:
10% degradation of power during 10years and
20% degradation of power during 20 years.



KEY FEATURES

ARC Tempered Glass

10 BB Solar Cell

EL Checked

IP67/IP68 JB

Anodize Aluminum

High Module efficiency

Tolerance \pm 5W

Quality Assurance

WARRANTY

Performance Warranty

Product Warranty

25 years for linear power

10 Years

Mechanical Specification

Model	Helios 144 Half Cut Cell Family
Cell Type	Mono crystalline Cell 10 BB
Junction Box	Splited Junction Box
Cable & Connectors	400mm with 4mm ² Mc4 Connector
Frame	Anodized Aluminum Frame (40.5mm Height x 2.5mm Thickness) (35mm Height x 2mm Thickness)
Glass Dimension	2273mm x 1129 x 3.2mm
Load Test	Front– 5400 Pa, Back– 2700 Pa
Encapsulate	PID free Ethylene Vinyl Acetate Sheet
Back Sheet	UV protected reflective backsheet
Application Class	Class A
Electrical Saftey Class	Class II
Fire Saftey	Class C (Type I)
Mounting Holes Pich mm	[A]1635 [B] 1139



High
Efficiency



Better
Performance



Enhanced
Performance



Outstanding
Durability



Global
Certifications

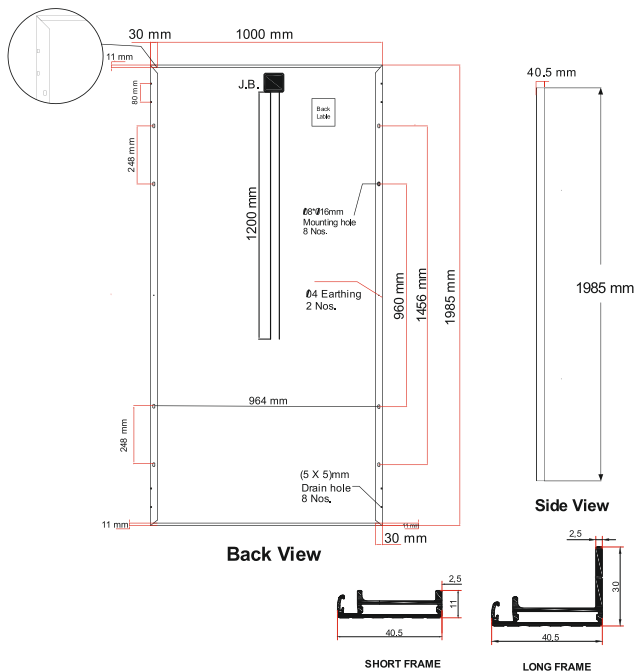


Bhaskara **POLY SOLAR** (158.75 X 158.75 MM)

72 Cells

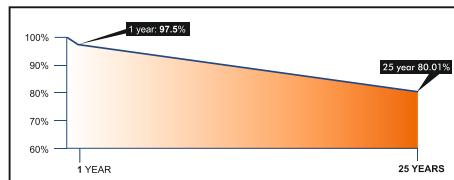
(Cell - 5BB) PV Modules

325-340WP POWER OUTPUT RANGE



PERFORMANCE WARRANTY

Degradation rate:
10% degradation of power during 10 years and
20% degradation of power during 20 years.



KEY FEATURES

ARC Tempered Glass

10 BB Solar Cell

EL Checked

IP67/IP68 JB

Anodize Aluminum

High Module efficiency

Tolerance $\pm 5W$

Quality Assurance

WARRANTY

Performance Warranty

Product Warranty

25 years for linear power

10 Years

Mechanical Specification

Model	Bhaskara 72 cell Family
Cell Type	Polycrystalline Cell 5 BB
Junction Box	IP67/IP68
Cable & Connectors	1200mm with 4mm ² Mc4 Connector
Frame	Anodized Aluminum Frame (40.5mm Height x 2.5mm Thickness)
Glass Dimension	1980mm x 995mm x 3.2mm
Load Test	Front- 5400 Pa, Back- 2700 Pa
Encapsulate	PID free Ethylene Vinyl Acetate Sheet
Back Sheet	UV protected reflective backsheet
Application Class	Class A
Electrical Safety Class	Class II
Fire Safety	Class C (Type I)
Mounting Holes Pitch (Y) - mm	[A]1456 [B] 960



High Efficiency



Better Performance



Enhanced Performance



Outstanding Durability



Global Certifications



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