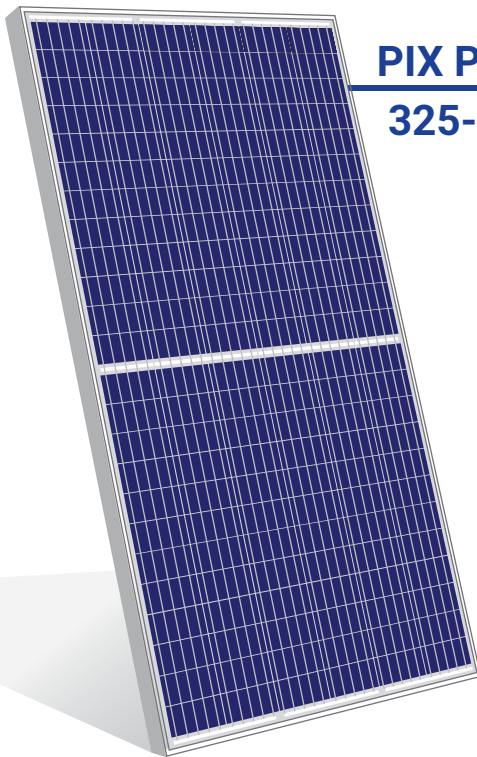


Poly Crystalline Half-Cut Cell PV Modules



PIX PH2 144
325-355 Wp



Power Tolerance
+4.99Wp



Efficiency upto
17.66 %



Module Warranty
10 Years



Output Warranty
25 Years

KEY FEATURES



PID Resistance with long term reliability.



Better Performance even at low irradiation.



Maximum System Voltage:
1500 V DC.



Increased string length & low
BOS cost.



Withstand upto **5400 Pa** of
snow load.



Withstand upto **2400 Pa** of
wind load.



Rigorous Testing Criteria
100% EL Inspection ensuring
defect-free modules.

IDEAL FOR: Utility Projects, Commercial & Industrial Projects, Residential Projects, Institutional Projects, Off-grid Projects

PIXON GREEN ENERGY PRIVATE LIMITED

Corporate Office: 2nd Floor, Star Avenue, Nr. Moti Tanki Chowk, Gymkhana Road, Rajkot - 360001. Gujarat, India.

Manufacturing Unit: Rajkot - Jamnagar Highway, PO: Depaliya, TA: Padadhari, Rajkot - 360110. Gujarat, India.

ABOUT PIXON

PIXON is a venture of the Marwadi group. It is equipped with the state-of-the-art technology and turnkey machinery of 400 MW line capacity for solar modules and houses clean room environment facility to 800 MW manufacturing line for EVA films. As the world adheres to solar energy revolution, PIXON envisions to globally provide efficient solar energy products and solutions. Thus, enhance and contribute to Global Climate Sustainability.

CERTIFICATIONS

ALMM



ALMM APPROVED

IEC (International Electrotechnical Commission)

- IEC 61215-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016
- IEC TS 62804-1
- IEC 61701 End.2:2011 Severity-6
- IEC 61853-1
- IEC 60904-1
- IEC 62716:2013

BIS: Bureau of Indian Standards

- IS 14286:2010
- IS 61730-1:2004
- IS 61730-2:2004

US Certification

- UL 61215-1:2017
- UL 61215-2:2017
- UL 61730-1:2017
- UL 61730-2:2017

ISO Certification

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018 (OHSAS)

CE Mark Testing & Certification

CLASS II



Solar is
the new Green!

PIX PH2 144 355

M2

355W

17.66%

+4.99Wp

<2.5%

Poly Crystalline PV Modules

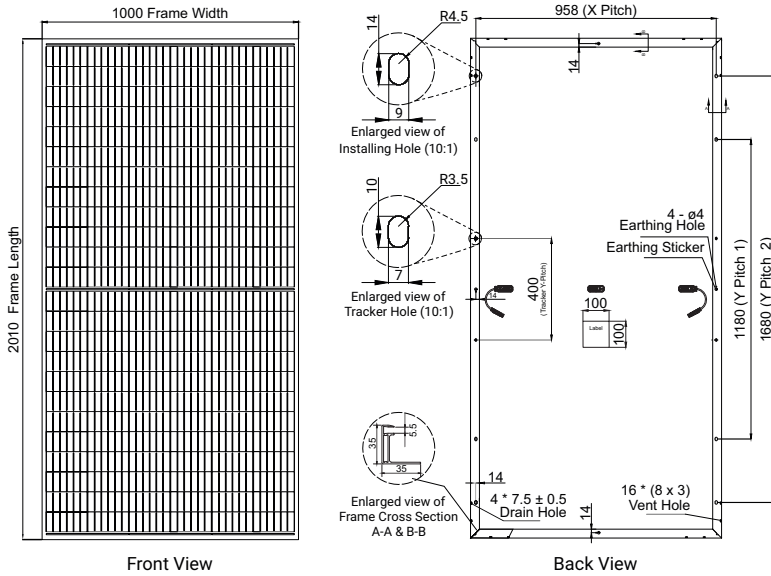
5 BB HALF-CUT CELL MODULE

MAXIMUM POWER OUTPUT

MAXIMUM EFFICIENCY

POWER TOLERANCE

FIRST YEAR POWER DEGRADATION



*All Dimensions are in mm.
*Cable Length may vary based on Requirements.

MECHANICAL DATA

Cells Specifications (Number, Size)	144 Cells, 157 mm X 78.50 mm
Module Dimensions	2010 mm X 1000 mm X 35 mm
Weight	23.5 kg
Glass	High Transmission Low Iron Tempered Glass, AR coated, 3.2 mm (T)
Embedding	Low Shrinkage PID Resistance EVA, UV Resistant
Backsheet	PVDF
Junction Box	IP 68 Rated (Split JB)
Number of Diodes	3 Bypass Diodes
Cables & Connectors	Cable Length 400mm, 4mm ² , MC4 Connectors, IP 68
Frame	Anodized Aluminum Alloy Silver Profile (Black Frame Available on Request)

MECHANICAL LOAD TEST PARAMETERS

Front Side Maximum Static Load	5400Pa
Rear Side Maximum Static Load	2400Pa

TEMPERATURE RATING

NOCT (Nominal Operating Cell Temperature)	43°C (±2°C)
Temperature Coefficient of Current (Isc)	0.0626% /°C
Temperature Coefficient of Voltage (Voc)	-0.3090% /°C
Temperature Coefficient of Power (Pmax)	-0.4080% /°C

OPERATING PARAMETERS

Operational Temperature	-40°C ~ +85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	15A

ELECTRICAL PARAMETERS AT STC (AM 1.5g, 1000 W/m², 1m/s, 25°C) According to EN 60904-3

	Pmax [Wp]	325	330	335	340	345	350	355
Peak Power								
Module Efficiency	η [%]	16.17	16.42	16.67	16.92	17.16	17.41	17.66
Open-Circuit Voltage	Voc [V]	45.72	45.86	46.15	46.44	46.66	46.80	46.94
Short-Circuit Current	Isc [A]	9.12	9.18	9.24	9.30	9.39	9.47	9.56
Max Rated Voltage	Vmp [V]	38.95	39.31	39.53	39.67	39.89	40.03	40.25
Max Rated Current	Imp [A]	8.35	8.40	8.48	8.58	8.65	8.75	8.83

ELECTRICAL PARAMETERS AT NMOT (AM 1.5g, 800 W/m², 20°C) According to EN 60904-3

	Pmax [Wp]	241.03	244.78	248.44	252.22	255.84	259.64	263.28
Peak Power								
Open-Circuit Voltage	Voc [V]	42.89	43.03	43.30	43.57	43.77	43.91	44.04
Short-Circuit Current	Isc [A]	7.39	7.44	7.48	7.53	7.60	7.67	7.74
Rated Voltage	Vmp [V]	36.54	36.88	37.09	37.22	37.42	37.56	37.76
Rated Current	Imp [A]	6.60	6.64	6.70	6.78	6.84	6.91	6.97

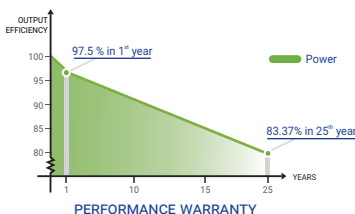
PACKAGING CONFIGURATION

Modules per Box	31 Pieces
Modules per 40' Container	682 Pieces

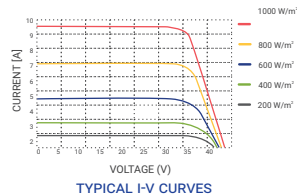
WARRANTY

Product Warranty	10 Years
Performance Warranty	25 Years Linear Power Warranty

CERTIFICATIONS



Average relative efficiency reduction of 5% at 200 W/m² According to EN 60904-1. Measuring uncertainty ±3%



*Due to continuous product updation, specifications may change without notice. Kindly refer to the website for latest information : www.pixonenergy.com



Solar is the new Green!