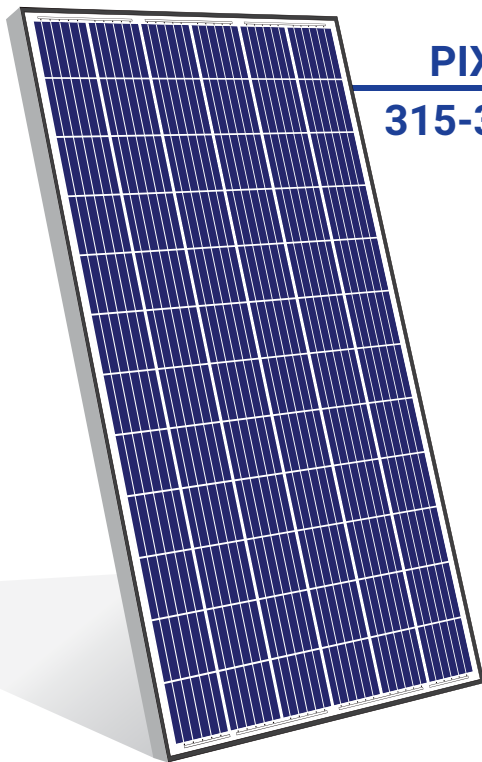


# Poly Crystalline PV Modules



**PIX P2 72**  
**315-340 Wp**



Power Tolerance  
**+4.99Wp**



Efficiency Upto  
**17.46 %**



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:** 2<sup>nd</sup> 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



PTL US  
CERTIFIED



### 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

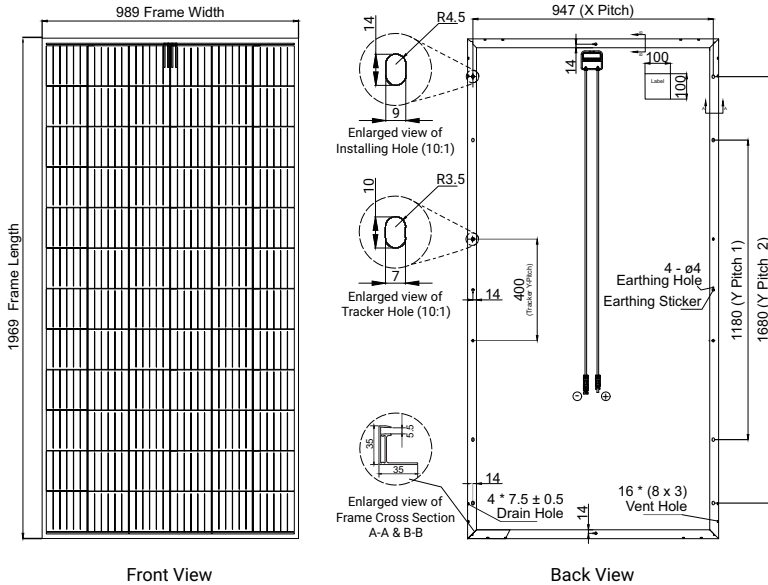
### CLASS II



**Solar is**  
**the new Green!**

**PIX P2 72 340**      **M2**      **340W**      **17.46%**      **+4.99Wp**      **<2.5%**

**Poly Crystalline PV Modules**      **5 BB FULL CELL**      **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)	72 Cells, 157 mm X 157 mm
Module Dimensions	1969 mm X 989 mm X 35 mm
Weight	21 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
Number of Diodes	3 Bypass Diodes
Cables & Connectors	Cable Length 1200mm, 4mm <sup>2</sup> , 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/m<sup>2</sup>, 1m/s, 25°C) According to EN 60904-3

	Pmax [Wp]	315	320	325	330	335	340
Peak Power							
Module Efficiency	η [%]	16.18	16.43	16.69	16.95	17.20	17.46
Open-Circuit Voltage	Voc [V]	44.21	44.49	44.86	45.21	45.58	46.29
Short-Circuit Current	Isc [A]	9.28	9.33	9.36	9.41	9.46	9.56
Max Rated Voltage	Vmp [V]	36.94	37.37	37.66	38.02	38.45	38.74
Max Rated Current	Imp [A]	8.53	8.57	8.64	8.68	8.72	8.78

### ELECTRICAL PARAMETERS AT NMOT (AM 1.5g, 800 W/m<sup>2</sup>, 20°C) According to EN 60904-3

	Pmax [Wp]	233.54	237.37	241.16	244.59	248.50	252.10
Peak Power							
Open-Circuit Voltage	Voc [V]	41.48	41.74	42.09	42.42	42.76	43.43
Short-Circuit Current	Isc [A]	7.52	7.56	7.58	7.62	7.66	7.74
Rated Voltage	Vmp [V]	34.66	35.06	35.33	35.67	36.07	36.35
Rated Current	Imp [A]	6.74	6.77	6.83	6.86	6.89	6.94

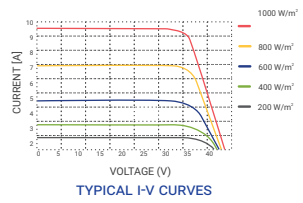
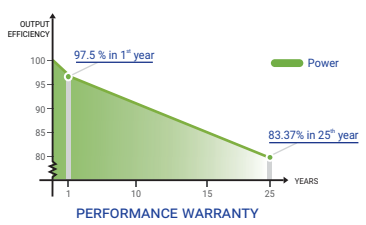
### PACKAGING CONFIGURATION

Modules per Box	31 Pieces
Modules per 40' Container	744 Pieces

### WARRANTY

Product Warranty	10 Years
Performance Warranty	25 Years Linear Power Warranty

### CERTIFICATIONS



\*Due to continuous product updation, specifications may change without notice. Kindly refer to the website for latest information : [www.pixonenergy.com](http://www.pixonenergy.com)



**Solar is the new Green!**

Average relative efficiency reduction of 5% at 200 W/m<sup>2</sup> According to EN 60904-1. Measuring uncertainty ±3%