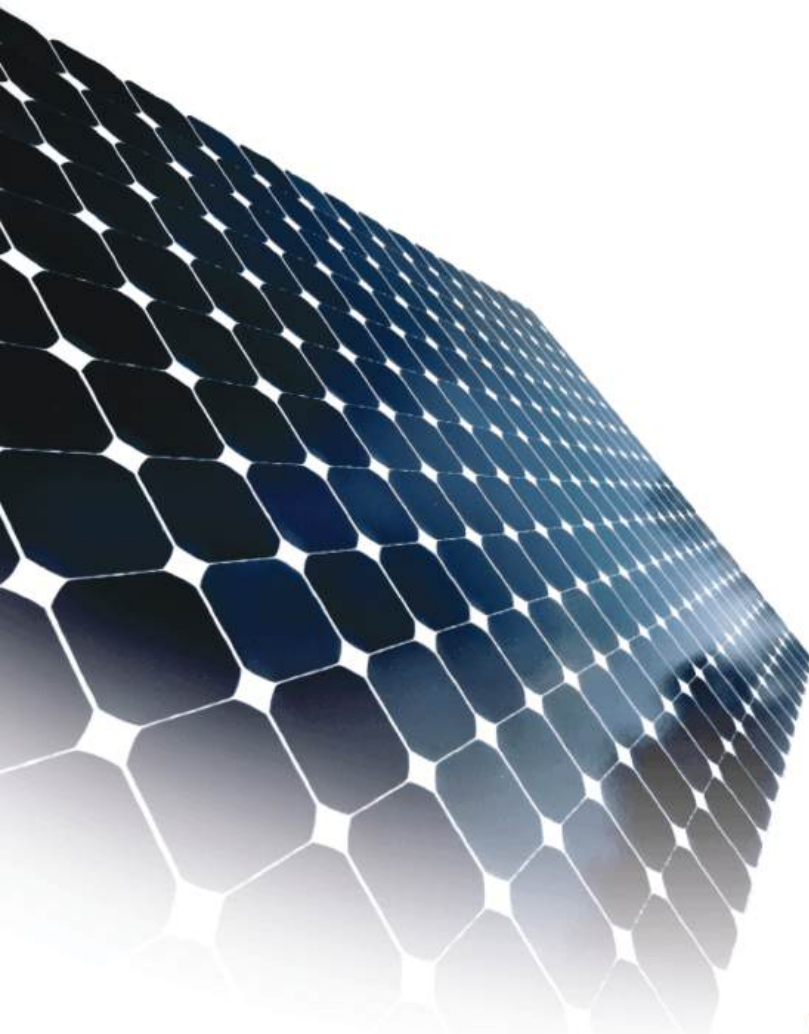


POLY CRYSTALLINE – 72 Cells

325 Wp | 330 Wp | 335 Wp | 340 Wp | 345 Wp



Key Features

-  **ALMM Approved PV module Manufacture**
Approved List of Models and Manufacturers
-  **Positive Tolerance Cell Output**
Guaranteed 0~+4.99 Wp positive tolerance to ensure power Positive output
-  **Excellent weak light performance**
Advanced glass and surface texturing allow for excellent performance in low-light environment.
-  **Extended Wind and Snow load Tests**
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).
-  **Excellent PID Resistance**
Excellent Anti-PID performance guarantee limited power degradation and certified for up-to 288 Hrs.
-  **Withstanding Harsh Environment**
Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline, ammonia.
-  **Rigorous Testing Criteria**
100% EL inspection ensuring defect-free modules.
-  **Current sorting process**
To optimize power loss caused by current mismatch could be diminished by current sorting technique to maximize system power output.
-  **Excellent Durability and reliability**
Tested & withstand for 3X IEC condition, certified by TÜV Rheinland

Linear Performance Warranty

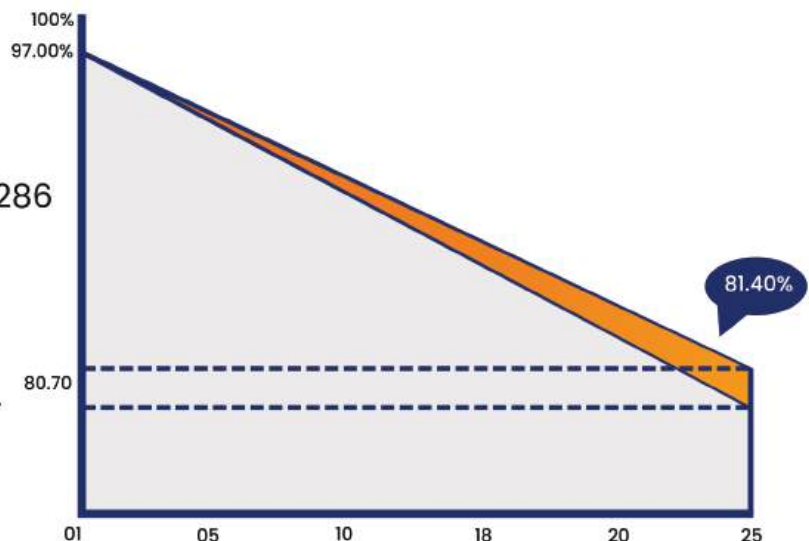
Product Warranty 10 Years: Material & Processing.
First year Degradation Upto -2.5%
Linear Power output 25 : 2-25 Annual degradation -0.65%

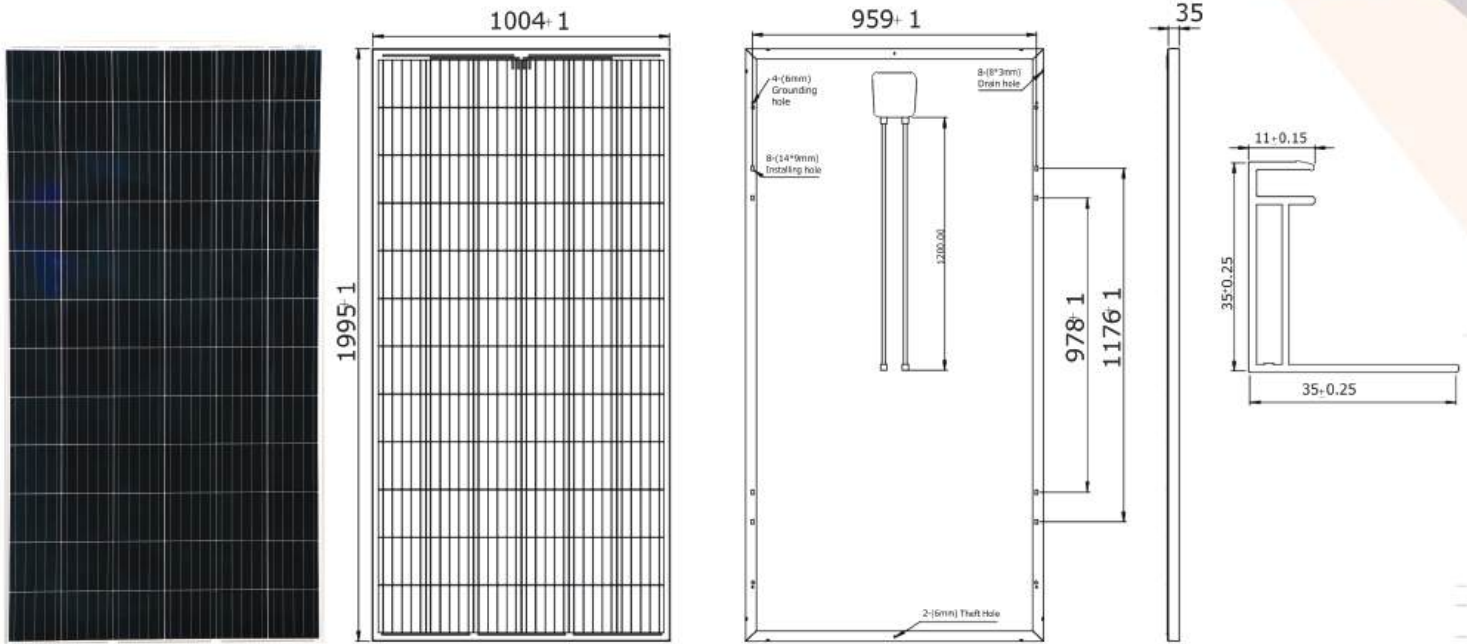
Certifications and standards

IEC 61215, IEC 61730, IEC 61701, UL 61730,
IEC 62716, IEC 62759, IEC 62804,
IEC 62782, IEC 60068-2-68, IEC 61853, IS 14286



Certification are under progress





Electrical Data Performance

Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Peak Power P _{max} (0 ~+ 4.99)Wp	325	242.3	330	246.0	335	249.8	340	253.5	345	257.2
Maximum voltage, V _{mp}	37.5	35.2	37.7	35.36	37.7	35.56	37.93	35.72	38.12	35.98
Maximum current, I _{mp}	8.67	6.90	8.76	6.96	8.76	7.04	8.84	7.07	8.92	7.15
Open circuit voltage, V _{oc}	45.3	42.94	45.35	43.14	45.72	43.38	45.87	43.58	46.01	43.90
Short circuit current, I _{sc}	9.10	7.35	9.20	7.41	9.20	7.50	9.28	7.53	9.37	7.61
Module Efficiency(%)	16.23		16.48		16.73		16.97		17.22	
Operating Temperature(C)	40°C~+85°C									
Maximum system voltage	1500 VDC									
Maximum series fuse rating	15A									
Power tolerance	0~+3%									
Temperature coefficients of P _{max}	-0.38%/°C									
Temperature coefficients of V _{oc}	-0.30%/°C									
Temperature coefficients of I _{sc}	0.051%/°C									
Nominal operating cell temperature (NOCT)	45+/- 2C°									
Fire Safety	Class-C									
Application	Class-A									
Safety Class	Class II									

STC: Irradiance 1000 W/m² module temperature 25° C, A_m=1.5; NOCT: Irradiance 800 W/m², ambient temperature 20° C, A_m=1.5, Wind speed 1m/s. Avg. power reduction of 4.5% at 200 W/m² as per IEC 60904-1. Measuring Uncertainty: 3%

MODULE MECHANICAL DATA

SPECIFICATION	DATA
Cell Type	Poly Crystalline , 72 Cells (6x12)
Dimensions	1995x1004x35mm
Weight	22.0 kgs
Front Cover	3.2 mm Tempered Glass
Cell Encapsulation	EVA
Backsheet	Composite Film
Frame Material	Silver Anodized Aluminium Profile, (black frame on request)
J-Box	IP68, 3 diodes
Cable	1.2 Meters, 4 mm
Connectors	MC4 Compatible Connector IEC/UL Certified
Standard Packaging	30x1 Pieces, 680 kg (quantity and weight per palette)
Module Pieces per pieces	600 pieces (40° HQ)

I-V Characteristics At Different Irradiations

