





## High Performance Photovoltaic Modules

5BB POLY CRYSTALLINE MODULE  
325W-330W-335W

### Key Features:


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10 Years Manufacturer's Warranty
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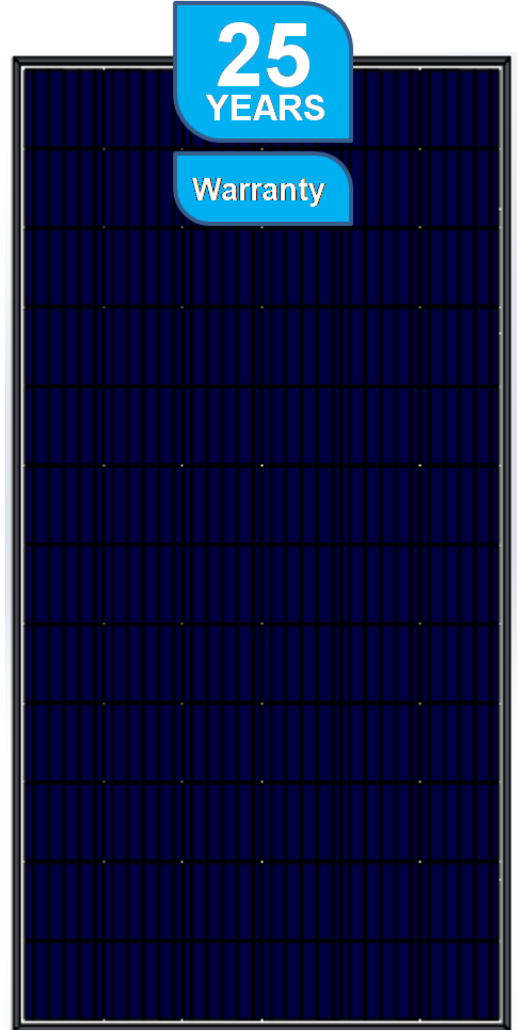
Positive Power Tolerance is Guaranteed (0 to 5 Wp)
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Excellent Low Light Performance
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Excellent Outstanding Weather-Resistance
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Maximum 5400 Pa Snow Load
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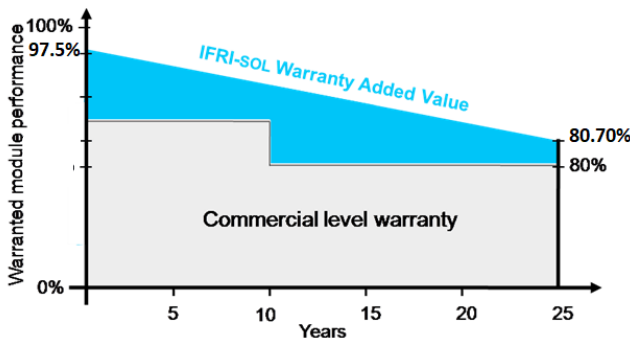
Maximum 2400 Pa Wind Load



### Linear High Performance Guaranteed

10 Years Product Warranty on 91.2 % of the Nominal Performance<sup>1</sup>

25 Years Linear Power Output Warranty on 80.7 % of the Nominal Performance<sup>1</sup>



<sup>1</sup>According to the IFRI-SOL Product and Performance Warranty.

### Certifications

- IEC 61215, IEC 61730: **ID 1111220240**
- IEC 61701:2011, EN 61701:2012: **ID 1111223964**
- IEC 62716:2013, EN 62716:2013: **ID 1111223965**
- Management system TÜV-Certified  
ISO 9001:2015: **ID 011001317684**
- ISO 14001: 2015: **ID 011041317684**
- BS OHSAS 18001:2007: **ID 011131317684**
- IS 14286 / IEC 61215, IS/IEC 61730 - 1&2: **R- 41151432**



**Electrical Specification**

Module Type	Nominal Power P <sub>mpp</sub>	Nominal Voltage U <sub>mpp</sub>	Nominal Current I <sub>mpp</sub>	Open Circuit Voltage U <sub>oc</sub>	Short Circuit Current I <sub>sc</sub>	Module Conversion Efficiency
IF-P325-72	325Wp	37.21V	8.77A	45.84V	9.08A	16.51%
IF-P330-72	330Wp	37.50V	8.81A	46.10V	9.23A	16.77%
IF-P335-72	335Wp	37.81V	8.86A	46.36V	9.38A	17.02%

Electrical Data at STC (STANDARD TEST CONDITIONS): 1000W/m<sup>2</sup> Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3.

**NMOT**

Module Type	Nominal Power P <sub>mpp</sub>	Nominal Voltage U <sub>mpp</sub>	Nominal Current I <sub>mpp</sub>	Open Circuit Voltage U <sub>oc</sub>	Short Circuit Current I <sub>sc</sub>
IF-P325-72	242Wp	34.50V	7.02A	42.60V	7.47A
IF-P330-72	246Wp	34.60V	7.11A	42.70V	7.57A
IF-P335-72	249Wp	34.90V	7.14A	42.90V	7.58A

Electrical data at NMOT: 800W/m<sup>2</sup> Irradiance, 20°C Ambient Temperature, 1m/s Wind Speed.

**Design**

Front Glass	3.2 mm High Transmission, Anti-Reflection Coating, Tempered Glass
Encapsulant	Ethylene Vinyl Acetate (E.V.A)
Cell	5 BB Polycrystalline High Efficiency / 72 pcs (156.75mm*156.75mm)
Backside	Composite Film (White, Black, ...)
Frame	35 mm Anodized Aluminum (Silver/Black)

**Limit Values**

Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	16A
Limiting Reverse Current	16A
NMOT	45±2°C
Operating Temperature	From -40°C to 85°C
Maximum Load	2400N/m <sup>2</sup>

**Mechanical Specification**

Dimensions (H*W *D)	1964mm × 1002mm × 35mm
Weight	23Kg

**Temperature Coefficients**

Voltage U <sub>oc</sub>	-0.320%/°C
Current I <sub>sc</sub>	+0.005%/°C
Output power	-0.410%/°C

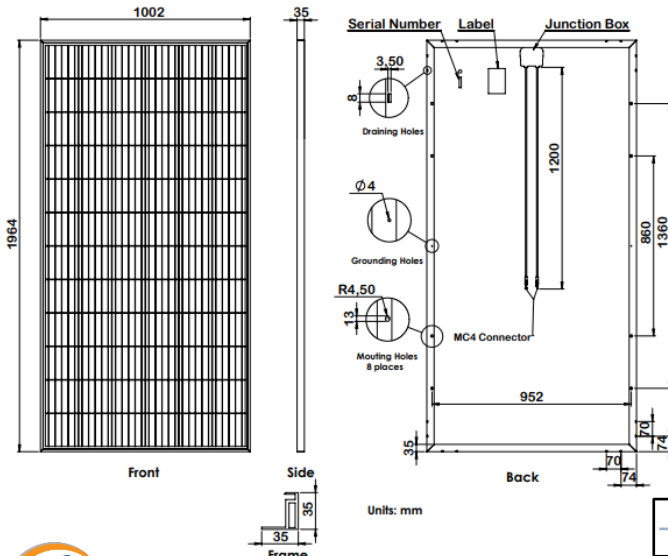
**Power Connection**

Junction Box	IP68 Junction box with 3 Bypass Diodes
Solar Cable	Length (1000 //1200) mm, 4mm <sup>2</sup> Prefabricated with MC4-combined plug
PV Module Classification	Class II (According to IEC 61730)

**Packaging Specification**

Dimensions (H*W *D)	1990mm × 1120mm × 1170mm
Modules Qty per Carton	31
Modules Qty per Container 20"	310
Modules Qty per Container 40"	737

**Drawings**



**Current-Voltage/Power-Voltage Curves, IF-P325-72**

