


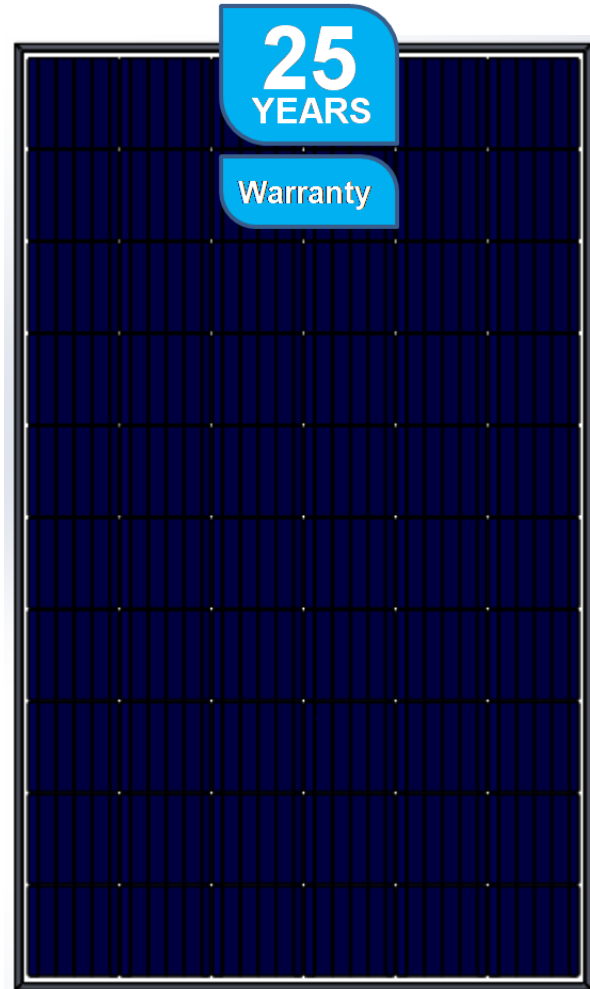


High Performance Photovoltaic Modules

5BB PERC MONO CRYSTALLINE MODULE
325W-330W-335W

Key Features:

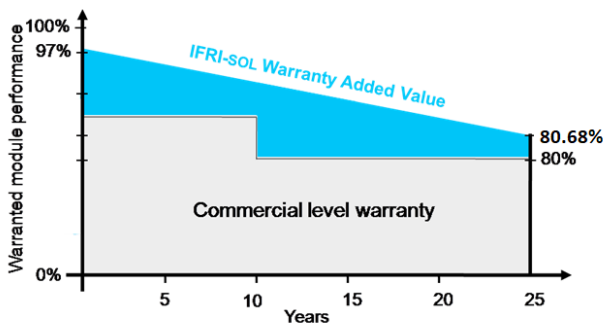
- 
10 YEARS
Warranty
- 
Wp
- 
Performance
- 
IP68
- 
5400 Pa
- 
2400 Pa



Linear High Performance Guaranteed

10 Years Product Warranty on 90.88 % of the Nominal Performance¹

25 Years Linear Power Output Warranty on 80.68% of the Nominal Performance¹



¹According 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 _{mpp}	Nominal Voltage U _{mpp}	Nominal Current I _{mpp}	Open Circuit Voltage U _{oc}	Short Circuit Current I _{sc}	Module Conversion Efficiency
IF-M325-60	325Wp	34.06V	9.60A	39.91V	10.15A	19.25%
IF-M330-60	330Wp	34.47V	9.63A	40.03V	10.18A	19.55%
IF-M335-60	335Wp	34.49V	9.74A	40.09V	10.27A	19.84%

Electrical Data at STC (STANDARD TEST CONDITIONS): 1000W/m² Irradiance, 25°C Cell Temperature, AM1.5g Spectrum According to EN 60904-3.

NMOT

Module Type	Nominal Power P _{mpp}	Nominal Voltage U _{mpp}	Nominal Current I _{mpp}	Open Circuit Voltage U _{oc}	Short Circuit Current I _{sc}
IF-M325-60	240.48Wp	32.15V	7.48A	37.72V	7.95A
IF-M330-60	244.17Wp	32.60V	7.49A	37.89V	7.97A
IF-M335-60	248.92Wp	32.71V	7.61A	38.01V	8.14A

Electrical data at NMOT: 800W/m² 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	5BB Monocrystalline High Efficiency / 60 pcs (158.75mm*158.75mm)
Backside	Composite Film (White, Black, ...)
Frame	35mm Anodized Aluminum (Silver/Black)

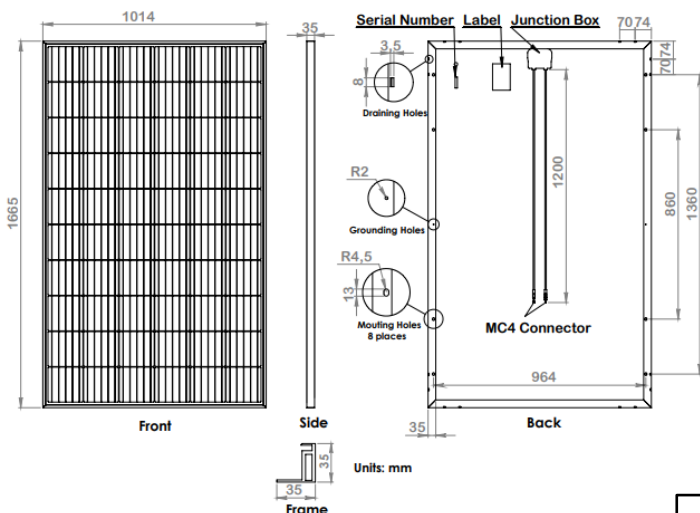
Mechanical Specification

Dimensions (H×W×D)	1665mm × 1014mm × 35mm
Weight	19.5 Kg

Power Connection

Junction box	IP68 Junction Box with 3 Bypass Diodes
Cable solar cable	Length (1000/1200) mm , 4mm ² Prefabricated with MC4-Combined Plug
PV Module Classification	Class II (According to IEC 61730)

Drawings



Limit Values

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

Temperature Coefficients

Voltage U _{oc}	-0.2586%/°C
Current I _{sc}	+0.0031%/°C
Output power	-0.3755%/°C

Packaging Specification

Dimensions (H×W×D)	1690mm × 1120mm × 1175mm
Modules Qty per Carton	31
Modules Qty per Container 20'	372
Modules Qty per Container 40' HC	938

Current-Voltage/Power-Voltage Curves, IF-M330-60

