






High performance photovoltaic modules


5BB POLY CRYSTALLINE MODULE 325 - 335 WATT

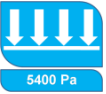
Key features:


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10 years manufacturer's warranty
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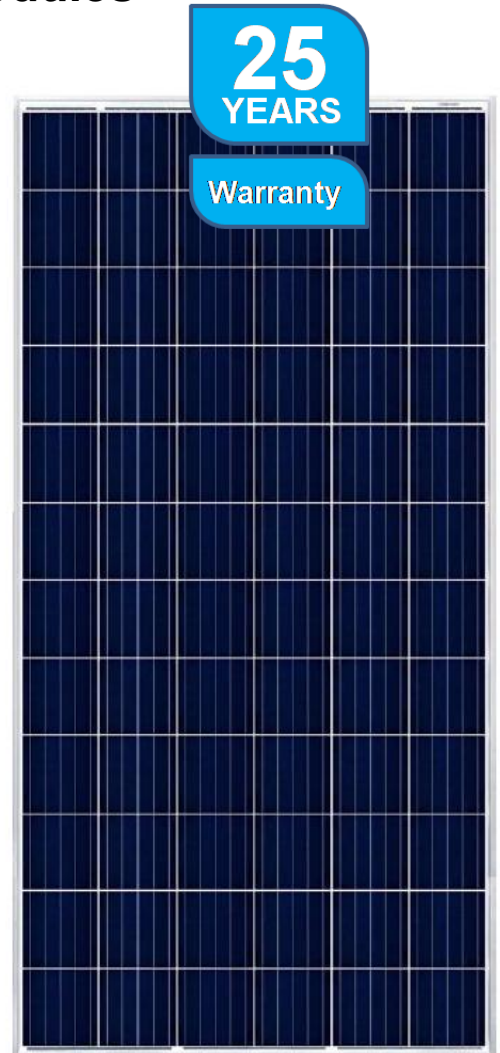
Positive power tolerance is Guaranteed (0 to 5 Wp)
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Excellent low light performance
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Excellent outstanding weather-resistance
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Maximum 5400 Pa snow load
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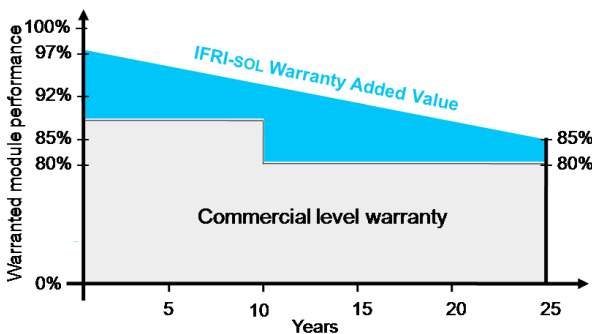
Maximum 2400 Pa wind load



Linear high performance guarantee

10 years manufacturer's guarantee on 92 % of the nominal performance¹

25 years manufacturer's guarantee on 85 % of the nominal performance¹



Management system TÜV-Certified
DIN ISO 9001:2008
ID 9102077424

¹According to the IFRI-SOL Product and Performance Guarantee

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-P325-72	325Wp	37.20V	8.76A	45.90V	9.25A	16.74%
IF-P330-72	330Wp	37.30V	8.87A	46.10V	9.38A	17.00%
IF-P335-72	335Wp	37.60V	8.91A	46.30V	9.39A	17.20%

Electrical data at STC (STANDARD TEST CONDITIONS): 1000W/m² irradiance, 25°C cell temperature, AM1.5g spectrum according to EN 60904-3,

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-P325-72	242Wp	34.5V	7.02A	42.6V	7.47A
IF-P330-72	246Wp	34.6V	7.11A	42.7V	7.57A
IF-P335-72	249Wp	34.9V	7.14A	42.9V	7.58A

Electrical data at NOCT : 800W/m² irradiance, 20°C ambient temperature, 1m/s power measurement tolerance : +/-3%,

Design

Front glass	3.2mm high transmittance and white glass
Encapsulant	E.V.A
Cell	72 polycrystalline high efficiency 156.75mm*156.75mm
Backside	Composite film (white, black, ...)
Frame	40mm anodized aluminum (Silver/Black)

Limit values

System voltage	1500VDC
NOCT	45±2°C
Rated current	16A
Operating temperature	From -40°C to 85°C
Maximum load	2400N/m ²

Mechanical specification

Dimensions (H×W ×D)	1956mm × 992mm × 40mm
Weight	23Kg

Temperature coefficients

Voltage U _{oc}	-0.320%/°C
Current I _{sc}	0.05%/°C
Output power	-0.410%/°C

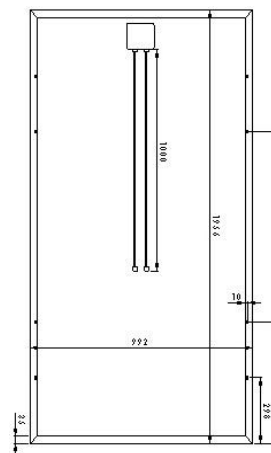
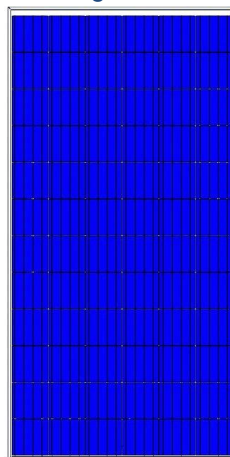
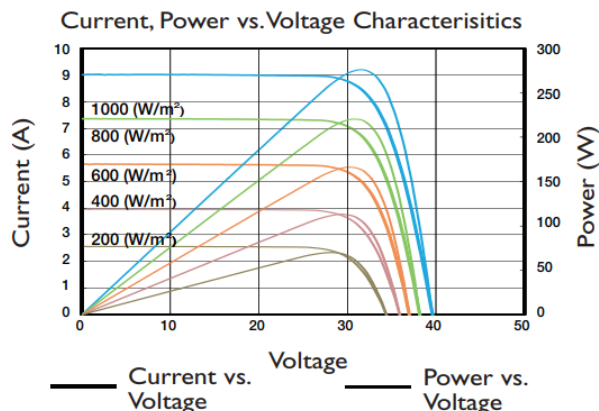
Power connection

Junction box	IP67 junction box with 3 bypass diodes
Cable solar cable	Length 1200 mm, 4mm ² Prefabricated with MC4-combined plug
Applicaton class	Class A (according to IEC 61730)

Packaging specification

Dimensions (H×W ×D)	1970mm × 1065mm × 1160mm
Modules Qty per carton	27
Modules Qty per container 20"	270
Modules Qty per container 40"	649

Drawings



Dimensions are in mm