



BISOL XL Series

Meet our 72-cell giant.

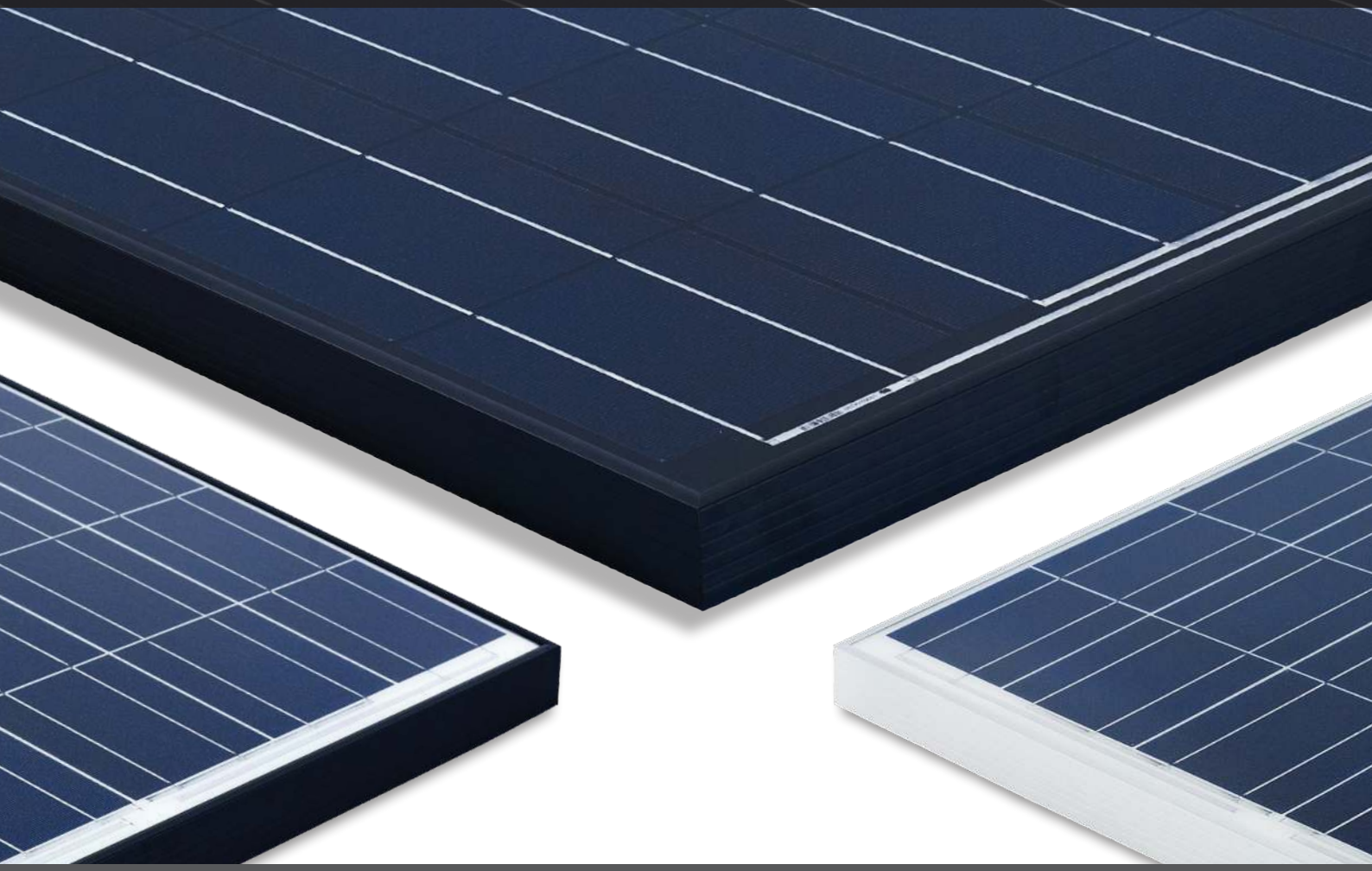
BISOL

Solar company!

BISOL XL Series

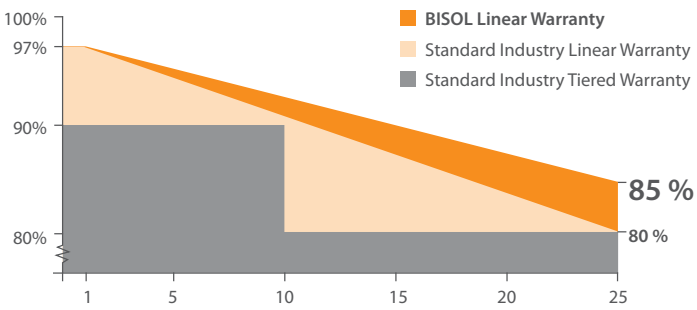
Multicrystalline PV Modules / BXU 305-335 Wp

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- Made in EU
- Strictly positive output power tolerances
- PID free
- All relevant certificates
- Module presorting for higher profitability
- Supremely low degradation
- Module efficiency up to 17.2 %
- Up to 13 % higher real-life performance
- Excellent low light performance

Warranties:



25 Linear warranty
85 % power output in 25th year

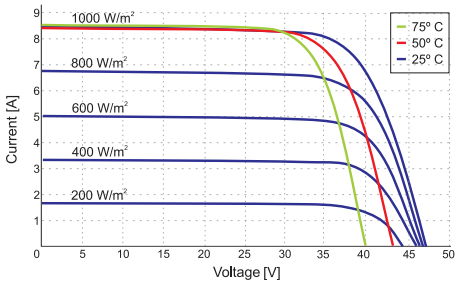
15 Product warranty
15 years

In compliance with:

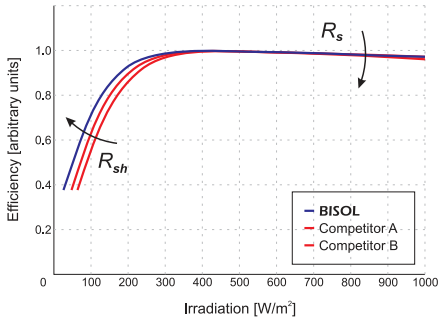
HW3 · Certisolis CRE3 · European Recycling Platform · CE · ÖVE · IEC 61730 Ed.1 61215 Ed.2 · IEC 62804-1 · IEC 61701 Salt water mist resistance · AIT Austrian Institute of Technology · TÜVRheinland · IEC 62716 Ammonia resistance · AS5033 compliant · ISO 9001 ISO 14001 OHSAS 18001 BUREAU VERITAS Certification · Istituto Giordano Qualità al Plurale Fire resistant - Class 1 (UNI 9177) · MCS

Certificates available upon special request. Additional charges may apply.

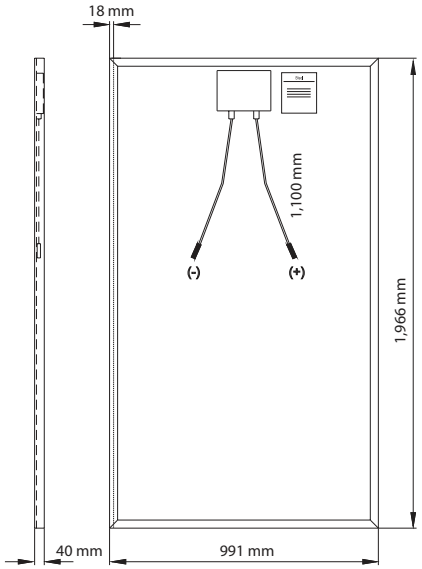
I-V Curve at Various Irradiation Levels and Various Cell Temperatures



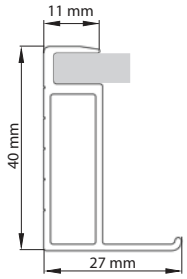
Effective Efficiency



Dimensions



Frame cross section



Electrical Specifications @ STC (AM1.5, 1,000 W/m², 25 °C):

Available Power Classes	BXU	305	310	315	320	325	330	335
Nominal Power	P_{MPP} [W]	305	310	315	320	325	330	335
Short Circuit Current	I_{SC} [A]	8.80	8.95	9.05	9.15	9.25	9.35	9.45
Open Circuit Voltage	V_{OC} [V]	46.7	46.8	46.9	47.0	47.3	47.5	47.6
MPP Current	I_{MPP} [A]	8.40	8.55	8.65	8.75	8.85	8.95	9.05
MPP Voltage	V_{MPP} [V]	36.3	36.3	36.4	36.6	36.7	36.9	37.0
Solar Cell Efficiency	η_C [%]	17.7	18.0	18.3	18.6	18.9	19.2	19.5
Module Efficiency	η_M [%]	15.7	15.9	16.2	16.4	16.7	16.9	17.2
Power Output Tolerance		0/+ 5 W						
Maximum Reverse Current		18 A						
Maximum System Voltage		1.000 V (Application Class A)						

Additional power classes available upon request. I Efficiency at irradiation 200 W/m²: 99.3 % of STC efficiency or higher. I Power measurement tolerance: ± 3 %.

Electrical Specifications @ NOCT (AM1.5, 800 W/m², 20 ˚C, wind: 1m/s; Cell Temperature 44 ˚C):

Available Power Classes	BXU	305	310	315	320	325	330	335
Nominal Power	P_{MPP} [W]	228	232	235	239	243	246	250
Short Circuit Current	I_{SC} [A]	7.11	7.23	7.31	7.39	7.47	7.55	7.63
Open Circuit Voltage	V_{OC} [V]	44.0	44.1	44.2	44.3	44.5	44.7	44.9
MPP Current	I_{MPP} [A]	6.79	6.91	6.99	7.07	7.15	7.23	7.31
MPP Voltage	V_{MPP} [V]	33.5	33.5	33.6	33.8	33.9	34.1	34.2

Power measurement tolerance: ± 3 %.

Thermal Specifications:

Current Temperature Coefficient	α	+ 0.049 %/K
Voltage Temperature Coefficient	β	- 0.31 %/K
Power Temperature Coefficient	γ	- 0.40 %/K
NOCT		44 °C
Temperature range		- 40 °C to + 85 °C

Mechanical Specifications:

Length x Width x Thickness	1,966 mm x 991 mm x 40 mm
Weight	22 kg
Solar Cells	72 multi c-Si in series / 156 mm x 156 mm (6+")
Junction Box / Connectors	Three bypass diodes / MC4 compatible / IP 67
Frame	Anodized AL with drainage holes / rigid anchored corners
Glass	3.2 or 4 mm glass with anti-reflective coating / tempered / high-transparency / low-iron content
Certified Nominal Load (snow/wind)	5,400 Pa / 2,400 Pa
Impact resistance	Hailstone / Φ 25 mm / 83 km/h (51 mph)

All unspecified tolerances are ± 5 %. Unspecified product properties remain under full discretion of BISOL.

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Dealer Information

www.bisol.com I www.bisol.co.uk

Additional terms & conditions apply. Please see *Standard Limited Warranty* and *General Terms and Conditions*.

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