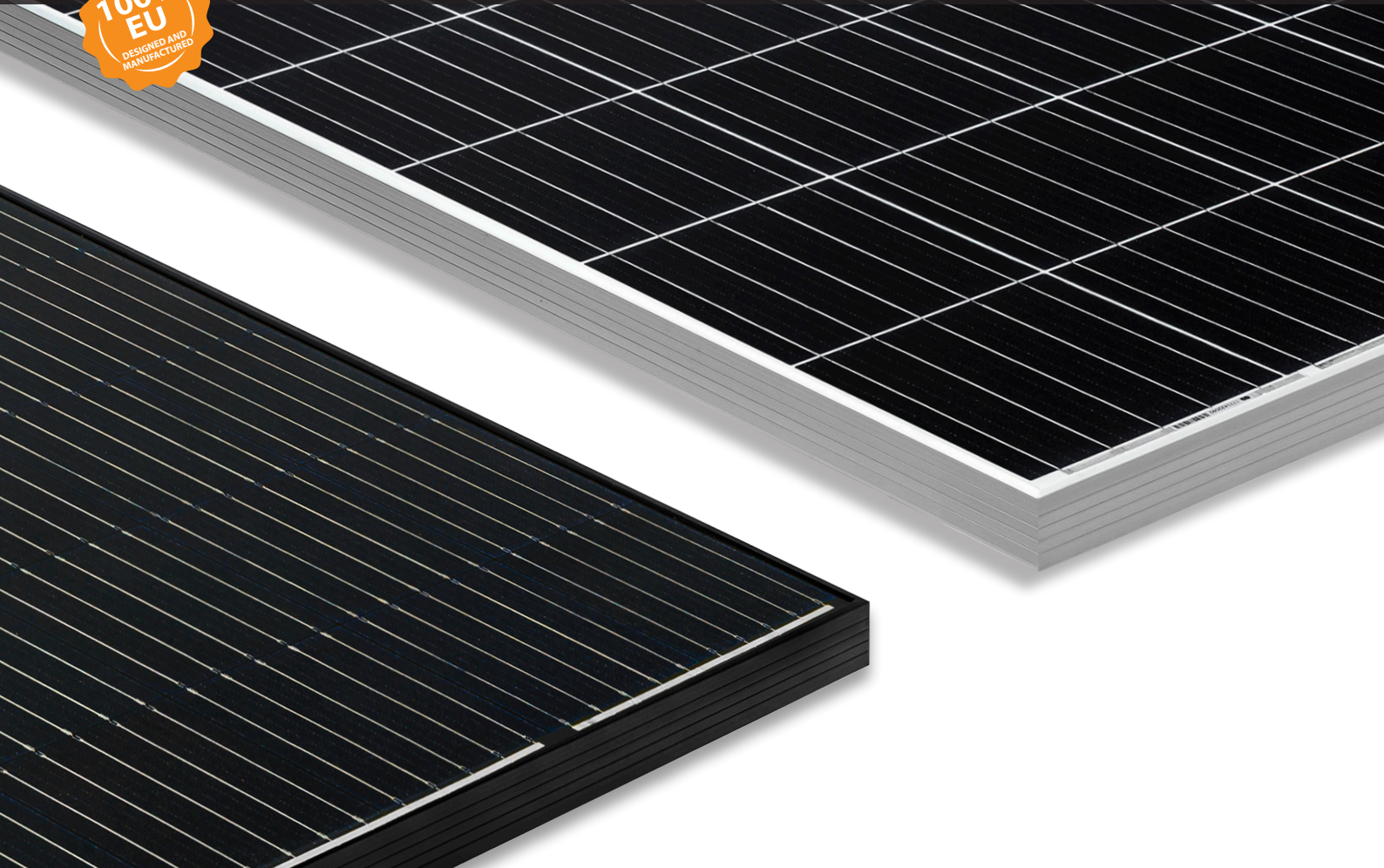


BISOL Premium Series

Monocrystalline Full-Square PV Modules / BMO 320-325 Wp



Designed & manufactured in EU



Strictly positive output power tolerances



PID free



All relevant certificates



Module presorting for higher profitability



Supremely low degradation



Module efficiency up to 19.9 %

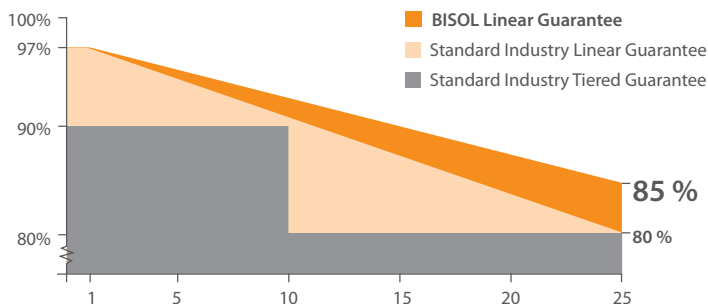


Up to 13 % higher real-life performance



Excellent low light performance

Guarantees:



25 Linear guarantee
85 % power output in 25th year

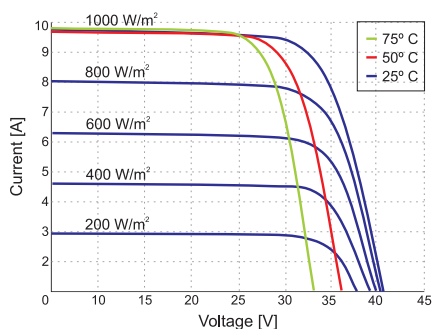
15 Product guarantee
15 years

In compliance with:

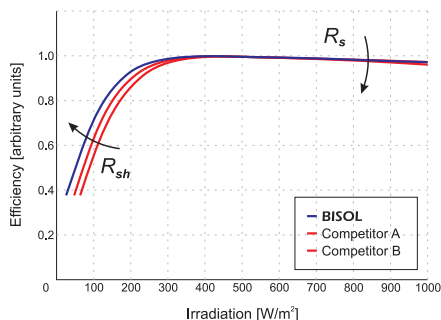


Certificates available upon special request. Additional charges may apply.

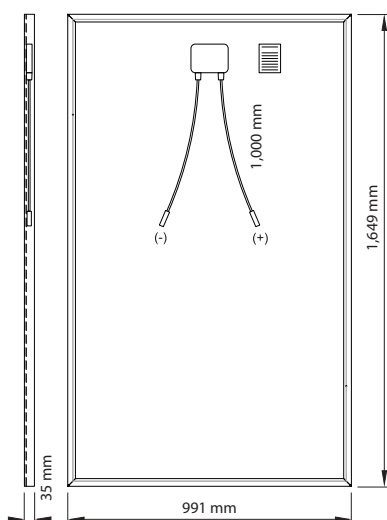
I-V Curve at Various Irradiation Levels and Various Cell Temperatures



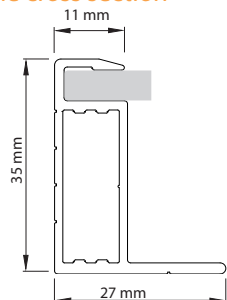
Effective Efficiency



Dimensions



Frame cross section



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

Module Type	BMO	320	325
Nominal Power	P_{MPP} [W]	320	325
Short Circuit Current	I_{SC} [A]	9.70	9.80
Open Circuit Voltage	V_{OC} [V]	42.6	42.8
MPP Current	I_{MPP} [A]	9.15	9.25
MPP Voltage	V_{MPP} [V]	35.0	35.1
Solar Cell Efficiency	η_C [%]	21.2	21.5
Module Efficiency	η_M [%]	19.6	19.9
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. | Efficiency at irradiation 200 W/m²: 99.3 % of STC efficiency or higher. | Power measurement tolerance: ± 3 %.

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

Module Type	BMO	320	325
Nominal Power	P_{MPP} [W]	237	240
Short Circuit Current	I_{SC} [A]	7.85	7.93
Open Circuit Voltage	V_{OC} [V]	38.9	39.0
MPP Current	I_{MPP} [A]	7.41	7.49
MPP Voltage	V_{MPP} [V]	31.9	32.1

Power measurement tolerance: ± 3 %.

Thermal Specifications:

Current Temperature Coefficient	α	+ 0.046 %/K
Voltage Temperature Coefficient	β	- 0.30 %/K
Power Temperature Coefficient	γ	- 0.39 %/K
NOCT		44 °C
Temperature range		- 40 °C to +85 °C

Mechanical Specifications:

Length x Width x Thickness	1,649 mm x 991 mm x 35 mm
Weight	18.3 kg
Solar Cells	60 mono c-Si in series / 158.75 mm x 158.75 mm
Junction Box / Connectors	Three bypass diodes / MC4 compatible / IP 67
Frame	Anodized Al with drainage holes / rigid anchored corners
Glass	3.2 mm glass with anti-reflective coating / tempered / high-transparency / low-iron content
Packaging	30 modules per pallet / stackable 3 pallets high
Certified Nominal Load (snow/wind)	5,400 Pa / 2,400 Pa
Impact resistance	Hailstone / Φ 25 mm / 83 km/h (51 mph)

Tolerances of values are ± 5 %. Unspecified product properties remain under full discretion of BISOL.

Dealer information

www.bisol.com | www.bisol.co.uk



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

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