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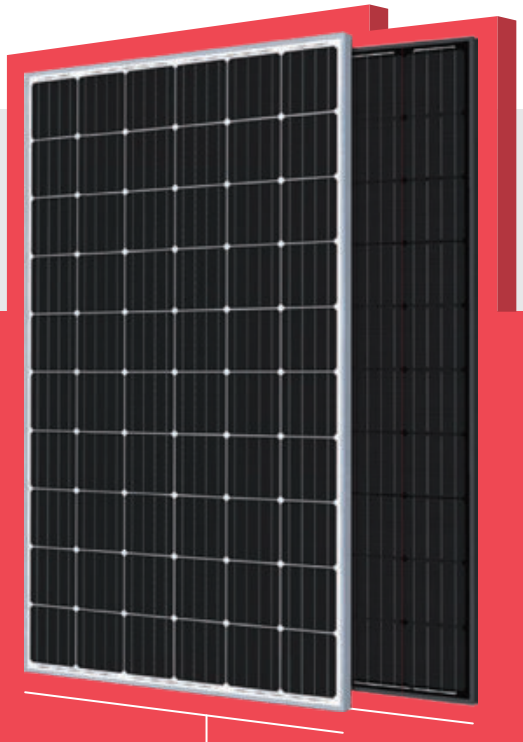
Iberian Solar
WHERE THE SUN NEVER SETS



IBS60M

KEY FEATURES

- 10 years **Product Warranty**
- 25 years **Performance Warranty**
- Cell efficiency up to **21.0 %**
- Module effciency up to **19.0 %**
- Heavy snow load up to **5,400 Pa**
- Wind load up to **2,400 Pa**
- **PID Free**

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ELECTRICAL PARAMETERS

Model	IBS60M				
Maximum Power (Pmax/W)	**280**	**285**	**290**	**295**	**300**
Operating Voltage (Vmpp/V)	32.4	32.8	32.2	32.4	32.8
Operating Current (Impp/A)	8.65	8.70	8.75	9.12	9.16
Open-Circuit Voltage (Voc/V)	38.6	38.8	39.0	39.7	39.9
Short-Circuit Current (Isc/A)	9.32	9.39	9.46	9.64	9.71
Module Efficiency ηm(%)	17.2	17.5	17.8	18.1	18.4
Power Tolerance	0+5 Wp				
NOCT	45±2°C				

Values at Standard Test Conditions STC (AM 1.5, Irradiance 1000 W/m², Cell Temperature 25°C)

SPECIFICATIONS

Cell Type	Mono Crystalline
Cells size	156x156 mm
Number of cells	60
Weight	18.5 kg
Fromt side glass	High transmission tempered glass
Dimensions	1,640x992x35 mm
Cable length	900 mm
Cable cross section size	4 mm²
Number of bypass diodes	3
Connectors	MC4 / MC4 compatible
Frame	Anodized Aluminium Alloy
Junction Box	IP67 available

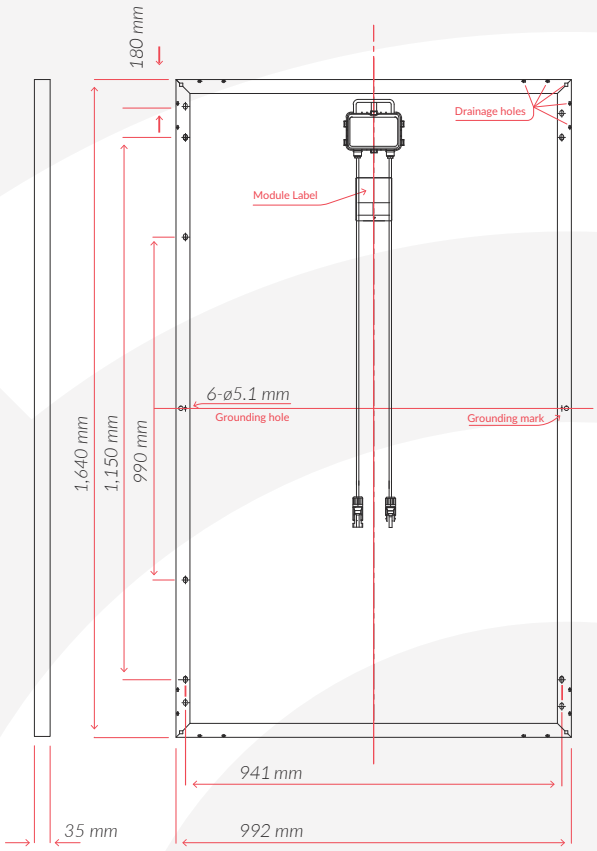
WORKING CONDITIONS

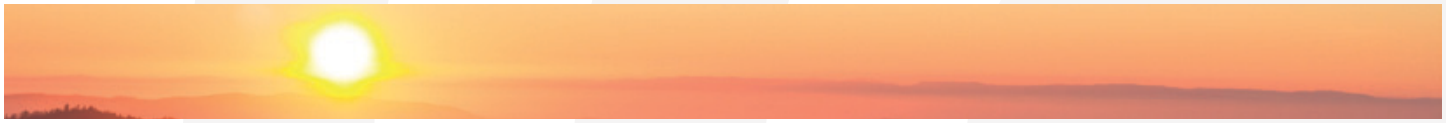
Maximum System Voltage	DC 1,000 V / 1,500 V available
Operating temperature	-40°C / +85° C
Maximum reverse current	15A
IP protection level	IP65
Safety class	II

TEMPERATURE COEFFICIENTS

Power temperature coefficiente (Pmax)	-0,39 %/°C
Voltage temperature coefficient (Voc)	-0,29 %/°C
Current temperature coefficient (Isc)	+0,049 %/°C

ENGINEERING DRAWINGS





PACKAGING INFORMATION (I)

Pallet dimmension	1,690/1,120/1,120 mm
Pallet wight	600 kg
Modules/pallet	30

PACKAGING INFORMATION (II)

Container	20 GP	40 GP	40 HQ
Pallets per container	12	28	28
Pieces per container	360	840	910

PARTNERS

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