

IBS72M

KEY FEATURES



years
**Product
Warranty**



years
**Performance
Warranty**



Cell efficiency
up to **21.0%**



Module efficiency
up to **19.0%**



Heavy snow load
up to **5,400 Pa**



Wind load
up to **2,400 Pa**



PID Free



ELECTRICAL PARAMETERS

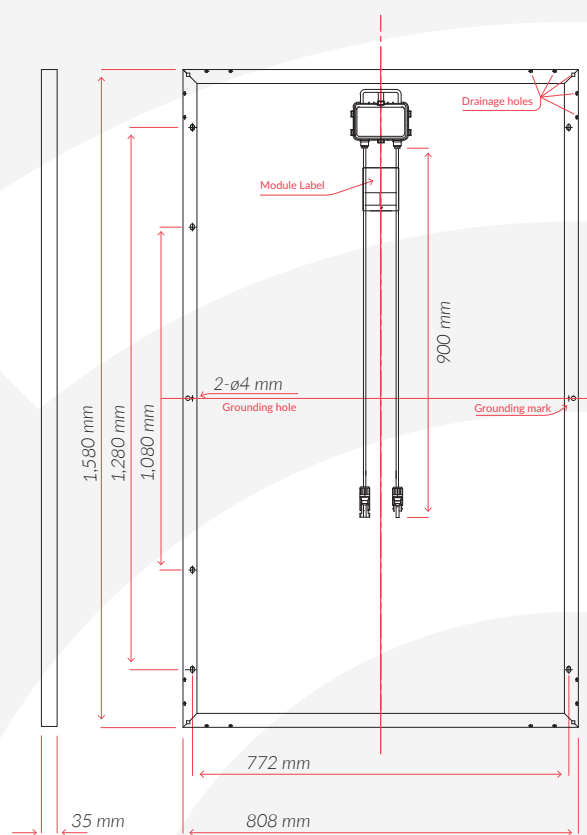
Model	IBS72M
Maximum Power (Pmax/W)	190
Operating Voltage (Vmp/V)	36.3
Operating Current (Imp/A)	5.24
Open-Circuit Voltage (Voc/V)	43.6
Short-Circuit Current (Isc/A)	5.55
Module Efficiency η_m (%)	17.4
Power Tolerance	0+5 Wp
NOCT	47±2°C

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

SPECIFICATIONS

Cell Type	Mono Crystalline
Cells size	125x125 mm
Number of cells	72
Weight	15.0 kg
Front side glass	3,2 mm hardened solar tempered glass
Dimensions	1,580x808x35 mm
Cable length	900 mm
Cable cross section size	2.5 mm ²
Number of bypass diodes	3
Connectors	MC4 compatible
Frame	Anodized Aluminium Alloy
Junction Box	IP65

ENGINEERING DRAWINGS



WORKING CONDITIONS

Maximum System Voltage	DC 1,000 V (IEC)
Operating temperature	-40°C / +85° C
Maximum reverse current	10 A
IP protection level	IP65
Safety class	II

TEMPERATURE COEFFICIENTS

Power temperature coefficient (Pmax)	-0,47 %/°C
Voltage temperature coefficient (Voc)	-0,38 %/°C
Current temperature coefficient (Isc)	+0,04 %/°C



PACKAGING INFORMATION (I)

Pallet dimension	1,590/1,085/848 mm
Pallet weight	475 kg
Modules/pallet	30

PACKAGING INFORMATION (II)

Container	20 GP	40 GP	40 HQ
Pallets per container	14	28	28
Pieces per container	420	840	1,036

PARTNERS