

IBS72P

KEY FEATURES



10 years
**Product
Warranty**



25 years
**Performance
Warranty**



Cell efficiency
up to **19.0 %**



Module efficiency
up to **17.0 %**



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



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



PID Free



ELECTRICAL PARAMETERS

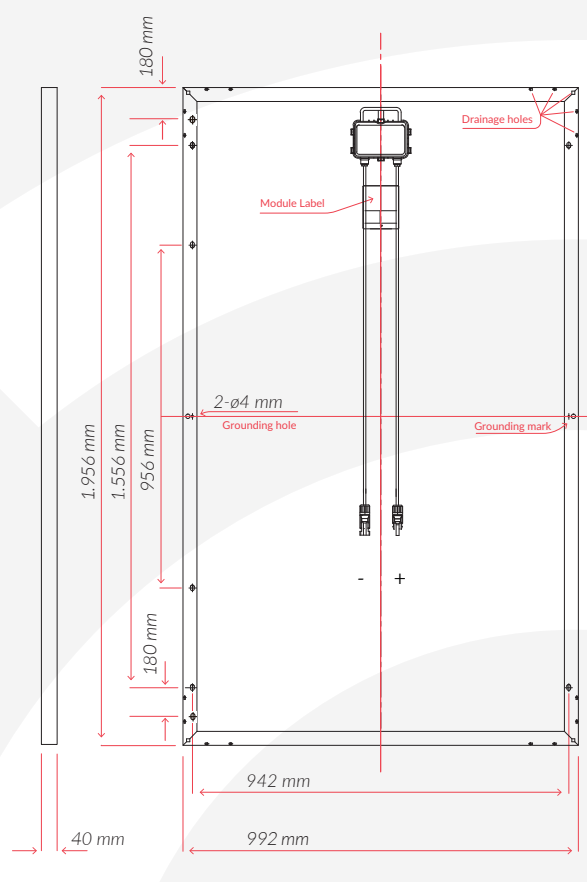
Model	IBS72P				
Maximum Power (Pmax/W)	310	315	320	325	330
Operating Voltage (Vmpp/V)	36.9	37.0	37.1	37.2	37.3
Operating Current (Impp/A)	8.41	8.52	8.63	8.74	8.85
Open-Circuit Voltage (Voc/V)	45.5	45.6	45.7	45.8	45.9
Short-Circuit Current (Isc/A)	8.85	8.93	9.04	9.15	9.26
Module Efficiency η (%)	15.98	16.23	16.49	16.75	17.01
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	Poly Crystalline
Cells size	156x156 mm
Number of cells	72
Weight	22,5 Kg
Front side glass	3.2 mm tempered glass with AR coating
Dimensions	1956x992x40 mm
Cable length	1,000 mm available
Cable cross section size	4 mm ²
Number of bypass diodes	3
Connectors	MC4 compatible
Frame	Anodized Aluminium Alloy
Junction Box	IP67

ENGINEERING DRAWINGS



WORKING CONDITIONS

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

TEMPERATURE COEFFICIENTS

Power temperature coefficient (Pmax)	-0.41%/°C
Voltage temperature coefficient (Voc)	-0.31%/°C
Current temperature coefficient (Isc)	+0.05%/°C



PACKAGING INFORMATION (I)

Pallet dimension	1,970/1,130/1,110 mm
Pallet weight	635 kg
Modules/pallet	26

PACKAGING INFORMATION (II)

Container	20 HC	40 HQ
Pallets per container	10	22
Pieces per container	260	616

PARTNERS