

IBS60P

KEY FEATURES



years
**Product
Warranty**



years
**Performance
Warranty**



Cell efficiency
up to **19.5 %**



Module efficiency
up to **17.5 %**



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



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



PID Free



ELECTRICAL PARAMETERS

Model	IBS60P				
Maximum Power (Pmax/W)	260	265	270	275	280
Operating Voltage (Vmpp/V)	31.3	31.7	32.1	32.5	32.9
Operating Current (Impp/A)	8.32	8.37	8.42	8.47	8.52
Open-Circuit Voltage (Voc/V)	37.6	37.8	38.0	38.2	38.4
Short-Circuit Current (Isc/A)	8.97	9.04	9.11	9.18	9.25
Module Efficiency η_m (%)	16.0	16.3	16.6	16.9	17.2
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	60
Weight	18.5 kg
Front side glass	High transmission tempered glass
Dimensions	1,640x992x35 mm
Cable length	900 mm
Cable cross section size	4 mm ² (IEC)
Number of bypass diodes	3
Connectors	MC4 / MC4 compatible
Frame	Anodized Aluminium Alloy
Junction Box	IP67

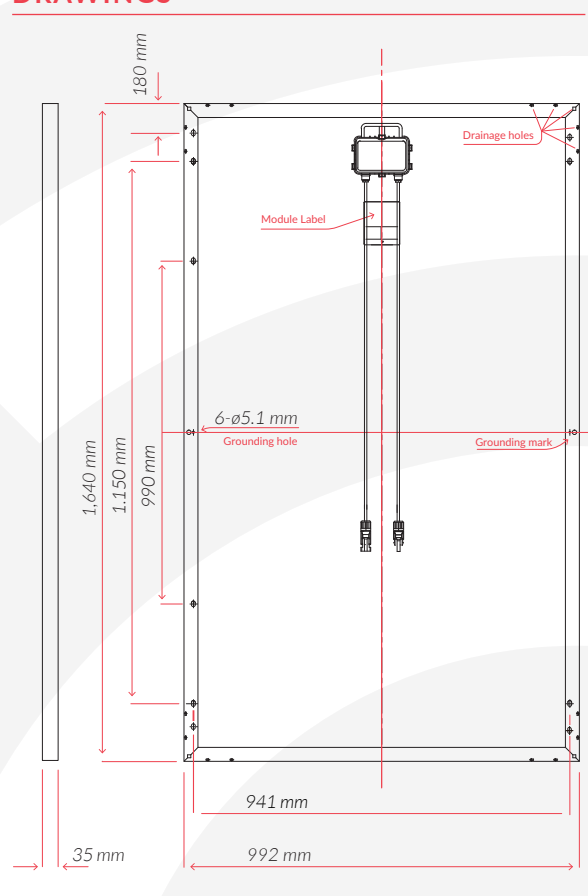
WORKING CONDITIONS

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

TEMPERATURE COEFFICIENTS

Power temperature coefficient (Pmax)	-0,41 %/°C
Voltage temperature coefficient (Voc)	-0,32 %/°C
Current temperature coefficient (Isc)	+0,050 %/°C

ENGINEERING DRAWINGS



PACKAGING INFORMATION (I)

Pallet dimension	1,690/1,120/1,120 mm
Pallet weight	600 kg
Modules/pallet	30

PACKAGING INFORMATION (II)

Container	20 GP	40 GP	40 HQ
Pallets per container	30	30	30
Pieces per container	360	840	910

PARTNERS