

# IBS72P

## KEY FEATURES



years  
**Product  
Warranty**



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

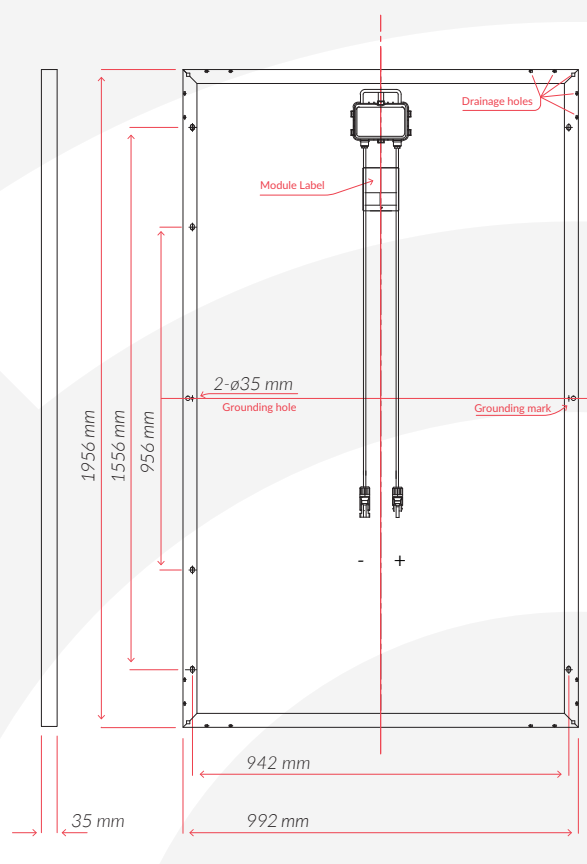
| Model                         | IBS72P     |            |            |            |            |
|-------------------------------|------------|------------|------------|------------|------------|
| Maximum Power (Pmax/W)        | <b>320</b> | <b>325</b> | <b>330</b> | <b>335</b> | <b>340</b> |
| Operating Voltage (Vmpp/V)    | 37.1       | 37.2       | 37.3       | 37.4       | 37.5       |
| Operating Current (Impp/A)    | 8.63       | 8.74       | 8.85       | 8.96       | 9.07       |
| Open-Circuit Voltage (Voc/V)  | 45.7       | 45.8       | 45.9       | 46.0       | 46.1       |
| Short-Circuit Current (Isc/A) | 9.04       | 9.15       | 9.26       | 9.38       | 9.50       |
| Module Efficiency $\eta$ (%)  | 16.49      | 16.75      | 17.01      | 17.26      | 17.52      |
| Power Tolerance               | 0+5 Wp     |            |            |            |            |
| NOCT                          | 45±2°C     |            |            |            |            |

Values at Standard Test Conditions STC (AM 1.5, Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C)

## SPECIFICATIONS

|                          |                                       |
|--------------------------|---------------------------------------|
| Cell Type                | Poly Crystalline 5BB                  |
| Cells size               | 156,75x156,75 mm                      |
| Number of cells          | 72                                    |
| Weight                   | 22,5 Kg                               |
| Front side glass         | 3.2 mm tempered glass with AR coating |
| Dimensions               | 1956x992x35 mm                        |
| Cable length             | 1000 mm available                     |
| Cable cross section size | 4 mm <sup>2</sup>                     |
| 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    | 710 kg               |
| Modules/pallet   | 30                   |

## PACKAGING INFORMATION (II)

|                       |       |       |       |
|-----------------------|-------|-------|-------|
| Container             | 20 GP | 20 HQ | 40 HQ |
| Pallets per container | 10    | 22    | 22    |
| Pieces per container  | 300   | 660   | 715   |

## PARTNERS