

# IBS72M

## KEY FEATURES



years  
**Product  
Warranty**



years  
**Performance  
Warranty**



Cell efficiency  
up to **19.7 %**



Module efficiency  
up to **17.7 %**



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



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



**PID Free**



## ELECTRICAL PARAMETERS

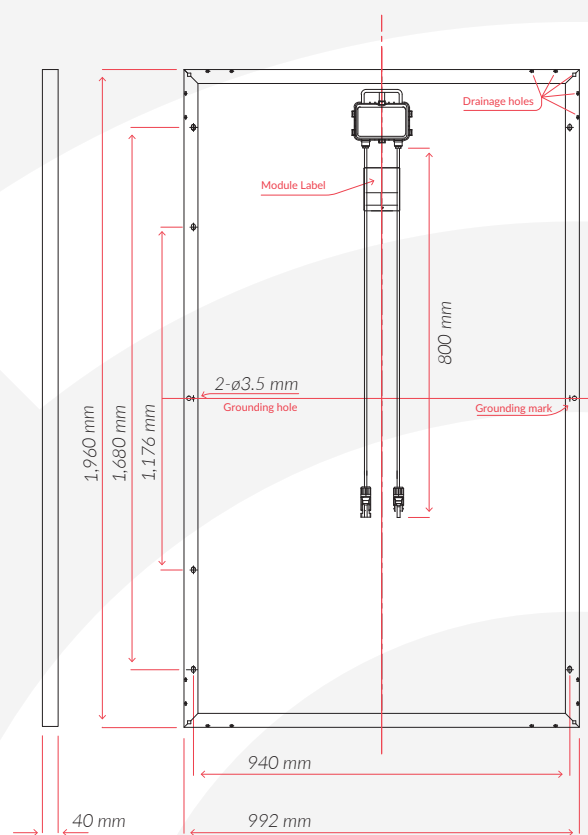
| Model                          | IBS72M     |            |            |            |            |
|--------------------------------|------------|------------|------------|------------|------------|
| Maximum Power (Pmax/W)         | <b>325</b> | <b>330</b> | <b>335</b> | <b>340</b> | <b>345</b> |
| Operating Voltage (Vmpp/V)     | 37.4       | 337.8      | 38.2       | 38.6       | 38.9       |
| Operating Current (Impp/A)     | 8.71       | 8.73       | 8.77       | 8.81       | 8.87       |
| Open-Circuit Voltage (Voc/V)   | 46.3       | 46.6       | 46.9       | 47.4       | 47.8       |
| Short-Circuit Current (Isc/A)  | 9.07       | 9.44       | 9.52       | 9.56       | 9.62       |
| Module Efficiency $\eta_m$ (%) | 16.8       | 17.0       | 17.3       | 17.5       | 17.8       |
| 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                | Mono Crystalline                     |
| Cells size               | 156x156 mm                           |
| Number of cells          | 72                                   |
| Weight                   | 23.0 kg                              |
| Front side glass         | 3,2 mm hardened solar tempered glass |
| Dimensions               | 1,956x992x40 mm                      |
| Cable length             | 800 mm                               |
| Cable cross section size | 4 mm <sup>2</sup>                    |
| Number of bypass diodes  | 3 / 6                                |
| Connectors               | MC4 compatible                       |
| Frame                    | Anodized Aluminium Alloy             |
| Junction Box             | IP65 / IP67 available                |

## ENGINEERING DRAWINGS



## WORKING CONDITIONS

|                         |                                      |
|-------------------------|--------------------------------------|
| Maximum System Voltage  | DC 1,000 V (IEC) / 1,500 V available |
| Operating temperature   | -40°C / +80° C                       |
| Maximum reverse current | 16A                                  |
| IP protection level     | IP65                                 |
| Safety class            | II                                   |

## TEMPERATURE COEFFICIENTS

|                                       |            |
|---------------------------------------|------------|
| Power temperature coefficient (Pmax)  | -0,40 %/°C |
| Voltage temperature coefficient (Voc) | -0,31 %/°C |
| Current temperature coefficient (Isc) | +0,04 %/°C |



## PACKAGING INFORMATION (I)

|                  |                      |
|------------------|----------------------|
| Pallet dimension | 2,010/1,120/1,130 mm |
| Pallet weight    | 632 kg               |
| Modules/pallet   | 26                   |

## PACKAGING INFORMATION (II)

|                       |       |       |
|-----------------------|-------|-------|
| Container             | 20 HC | 40 HC |
| Pallets per container | 10    | 22    |
| Pieces per container  | 260   | 572   |

## PARTNERS