

## HIGH PERFORMANCE MONOCRYSTALLINE PERC MODULE



### KEY FEATURES



Excellent PID RESISTANT



High Power Output



High transmission , Low Iron  
Tempered Glass



Bypass Diodes Protection



Salt Mist And Ammonia  
Resistance Test



Long time cooperation with  
Tier1 brands



Industry lowest thermal  
co-efficient of power



Excellent low irradiance  
performance



Module Imp binning radically  
reduces string mismatch losses

## MONO SOLAR PANEL OSM10-M36-100W~110W

**36 CELL**

Mono PERC Module

**20.79%**

Maximum Efficiency

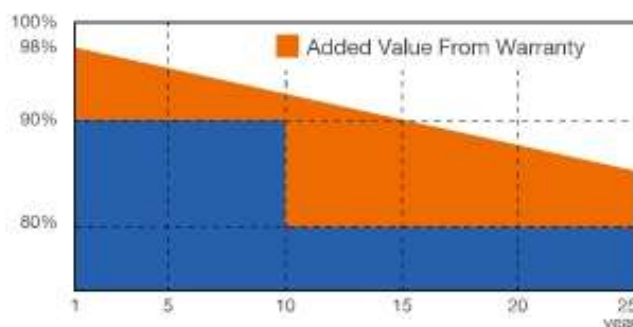


## Hebei Oushang Photovoltaic Technology Co., Ltd .

is one of the top photovoltaic module manufacturers in China. The power of Oushang solar panels ranges from 30W to 675W. It's with annual production capacity of 2 GW, covering 70000 square meters. Oushang Solar has engaged in R & D, production and exporting of solar module products for many years. Our solar products have exported to more than 30 countries all over the world.

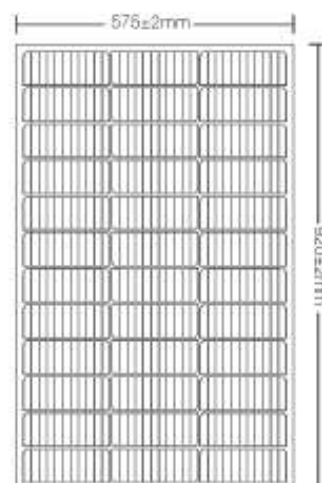
### Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



**Module Type****OSM10-M36-100W~110W****Dimension of PV Modules Unit : mm****Mechanical Specification**

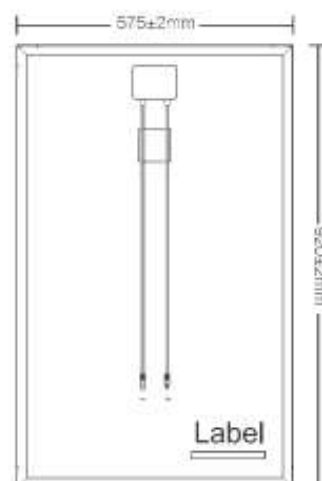
|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Cell Type                          | Mono 182*67mm                                            |
| Dimension (L*W*T)                  | 920*575*30mm                                             |
| Weight                             | 5.6kg                                                    |
| Packing                            | Carton or Pallet or As Per Requested                     |
| Output Cable (including connector) | 4.0mm <sup>2</sup> , 900mm in Length or As Per Requested |
| No. of Cells                       | 36 (3*12)                                                |
| Glass                              | 3.2mm High Transmission, Antireflection Coating          |
| Junction Box                       | IP68, 3 Bypass Diodes                                    |
| Connector                          | MC4                                                      |

**Operating Parameters**

|                                    |           |
|------------------------------------|-----------|
| Maximum System Voltage             | 1000VDC   |
| Operating Temperature              | -40℃~+85℃ |
| Maximum Series Fuse Rating         | 25A       |
| Snow Load, Frontside               | 5400Pa    |
| Wind Load, Backside                | 2400Pa    |
| Nominal Operating Cell Temperature | 45℃±2℃    |
| Application Level                  | Class A   |

**STC-Electrical Characteristics**

|                                 |                                                                        |       |       |
|---------------------------------|------------------------------------------------------------------------|-------|-------|
| Maximum Power (Pmax/W)          | 100W                                                                   | 105W  | 110W  |
| Open-circuit Voltage (Voc/V)    | 24.80                                                                  | 25.05 | 25.28 |
| Maximum Power Voltage (Vmp/V)   | 20.84                                                                  | 21.05 | 21.24 |
| Short-circuit Current (Isc/A)   | 5.09                                                                   | 5.29  | 5.49  |
| Maximum Power Current (Imp/A)   | 4.80                                                                   | 4.99  | 5.18  |
| Module Efficiency (%)           | 18.90                                                                  | 19.85 | 20.79 |
| Tolerance (%)                   | ±2%                                                                    |       |       |
| Temperature Coefficient of Isc  | 0.05%/℃                                                                |       |       |
| Temperature Coefficient of Voc  | -0.31%/℃                                                               |       |       |
| Temperature Coefficient of Pmax | -0.35%/℃                                                               |       |       |
| Standard Test Environment (STC) | Irradiance 1000W/m <sup>2</sup> , Cell temperature 25℃, Spectrum AM1.5 |       |       |

**WARRANTY**

10-year Material &amp; Technology Warranty

25-year Linear Power Output Warranty