

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-M72-170W~180W

72 cells

Mono PERC Module

21.54%

Maximum Efficiency

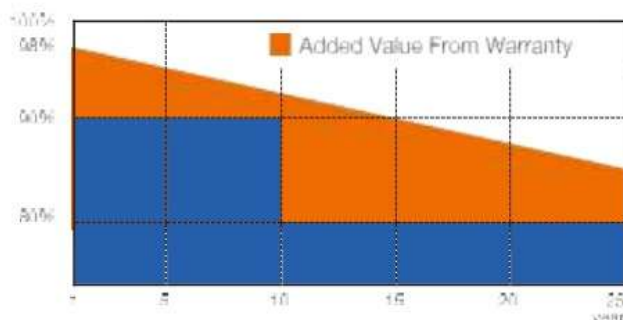


Hebei Oushang Photovoltaic Technology Co., Ltd .

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-M72-170W~180W
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Mechanical Specification	
Cell Type	Mono 80*60mm
Dimension (L*W*T)	1160*760*30mm
Weight	8.8kg
Packing	Carton or Pallet or As Per Requested
Output Cable (including connector)	4.0mm², 900mm in Length or As Per Requested
No. of Cells	68 (4*17)
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)	170W	175W	180W
Open-circuit Voltage (Voc/V)	23.43	23.67	26.04
Maximum Power Voltage (Vmp/V)	19.69	19.89	22.26
Short-circuit Current (Isc/A)	9.16	9.33	9.45
Maximum Power Current (Imp/A)	8.64	8.81	8.08
Module Efficiency (%)	20.34	20.94	21.54
Tolerance (%)	±2%		
Temperature Coefficient of Isc	0.05%/°C		
Temperature Coefficient of Voc	-0.31%/°C		
Temperature Coefficient of Pmax	-0.35%/°C		

Standard Test Environment (STC)	Irradiance 1000W/m², Cell temperature 25℃, Spectrum AM1.5
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WARRANTY
10-year Material & Technology Warranty
25-year Linear Power Output Warranty

Dimension of PV Modules Unit : mm

