

## MONOCRYSTALLINE 72 CELLS

### CSM360-380 WATT

#### The advantages:

##### 5BB PERC solar Cell

More busbars,the less of broken and cracking,as the narrowed cell bus bar width,the light receiving area and power are increased too

##### 1500V System Voltage

1500V system voltage design compatible to 1000V/1500V and Reduce BOS cost greatly.

##### Low-Light Performance

Excellent performance in low-light environments (e.g. early morning, dusk, and cloud, etc.)

##### Positive Tolerance

Guaranteed Positive Tolerance up tp 5W

##### Withstand challenging environmental conditions

2400 Pa negative load  
5400 Pa positive load  
2400/5400 is the measured load,and the safety factor is 1.5 times

##### PID-Resistant

Anti-PID-Technology

##### Salt-resistant & Ammonia-Resistant

Passed salt mist & ammonia corrosion,  
blowing sand and hail testing

##### 100% electroluminescence inspection

##### 15 years manufacturer's warranty

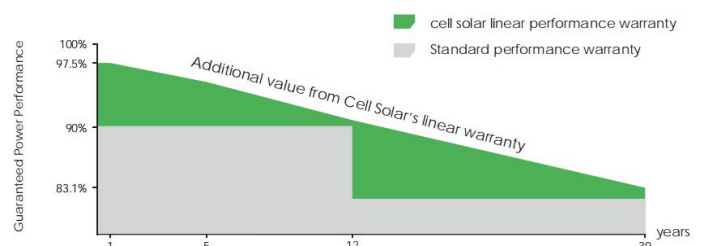


- ISO9001:2015 Quality Standards
- ISO14001:2015 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards
- IEC61215,IEC61730 certified products
- UL1703 cedified products



#### LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty • 30 Year Linear Power



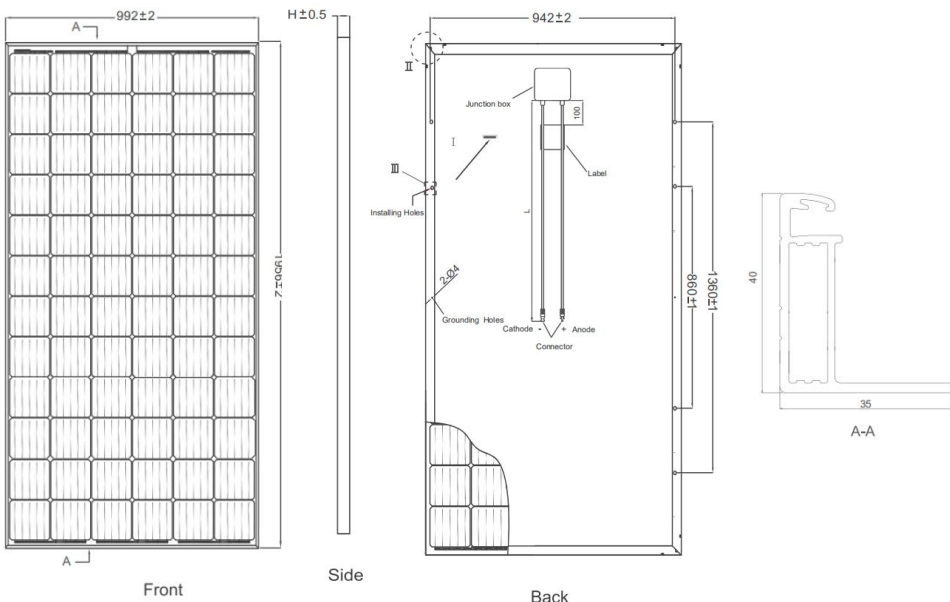
**MONOCRYSTALLINE 72 CELLS**

Model	CSM360-380	CSM360-72	CSM365-72	CSM370-72	CSM375-72	CSM380-72
Nominal output P <sub>mpp</sub>	360Wp	360Wp	365Wp	370Wp	375Wp	380Wp
Nominal voltage V <sub>mpp</sub>	39.50V	39.50V	39.70V	39.90V	40.20V	40.50V
Nominal current I <sub>mpp</sub>	9.12A	9.12A	9.20A	9.28A	9.33A	9.39A
Short circuit current I <sub>sc</sub>	9.51A	9.51A	9.57A	9.61A	9.68A	9.75A
Open circuit voltage V <sub>oc</sub>	48.00V	48.00V	48.20V	48.50V	48.70V	48.9V
Module efficiency	18.55%	18.55%	18.81%	19.07%	19.33%	19.58%

Electrical characteristics (at Standard Test Conditions (STC) STC:Irradiance 1000W/m , Cell temperature 25°C , AM1.5

**MECHANICAL DATA**

Solar Cells	5BB Monocrystalline PERC SOLAR CELL		
Cell Orientation	72 cells (6×12)		
Module Dimensions	1956×992×40mm		
Weight	22.50 kg		
Glass	3.2 mm (0.13 inches),High Transmission,AR Coated Heat Strengthened Glass		
Encapsulant Material	EVA (Ethylene-Vinyl-Acetate)		
Backsheet	White Composite film		
Frame	40 mm Anodized Aluminium Alloy		
J-Box	IP67/IP68 rated		
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ),		
Connector	MC4 /TS4 Compatible with MC4	<b>MAXIMUM RATINGS</b>	
<b>TEMPERATURE RATINGS</b>		Operational Temperature	-40~+85°C
NMOT(Nominal Moudule Operating Temperature)	41°C (±3°C)	Maximum System Voltage	1500V DC(IEC)
Temperature Coefficient of P <sub>MAX</sub>	-0.37%/°C		1500V DC(DL)
Temperature Coefficient of V <sub>OC</sub>	-0.29%/°C	Max Series Fuse Rating	20A
Temperature Coefficient of I <sub>SC</sub>	0.05%/°C		



**Current-Voltage & Power-Voltage Curves (370W)**

