

MONOCRYSTALLINE 120 CELLS

CSM360-380 WATT 9BB 166mm Cell

The advantages:

9BB 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

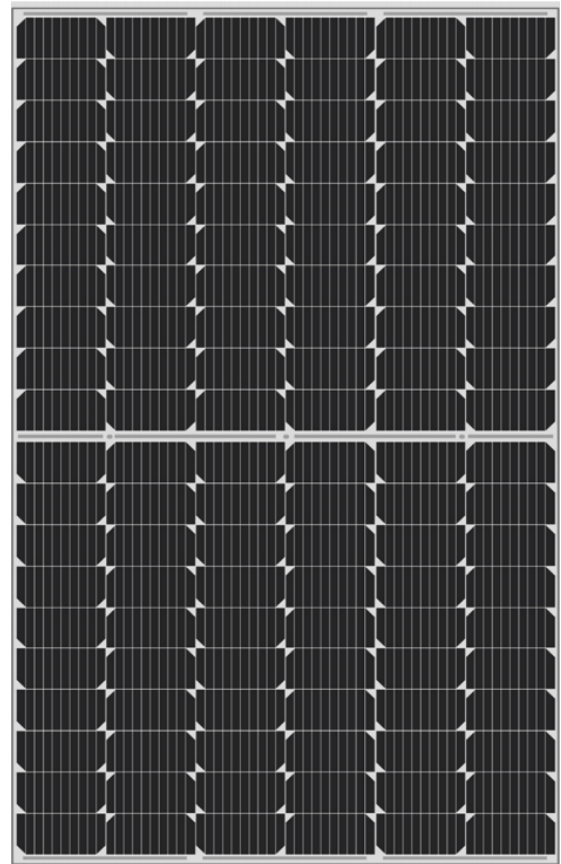
Anti-PID-Technology

Salt-resistant & Ammonia-Resistant

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

100% electroluminescence inspection

15 years manufacturer's warranty

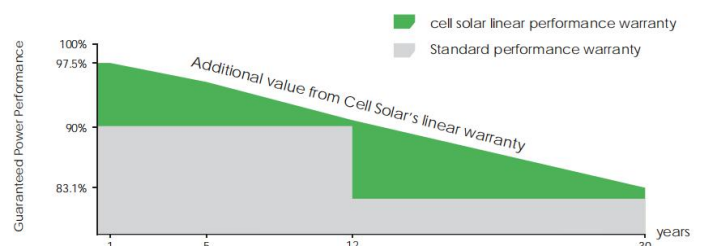


- ISO9001:2015 Quality Standards
- ISO14001:2015 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards
- IEC61215,IEC61730 certified products
- UL1703 cedified products



LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty • 30 Year Linear Power



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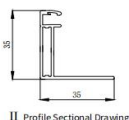
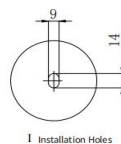
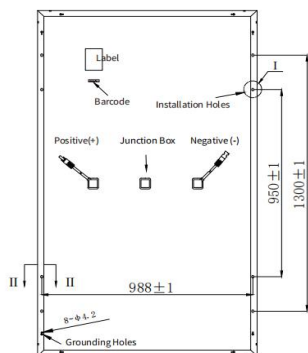
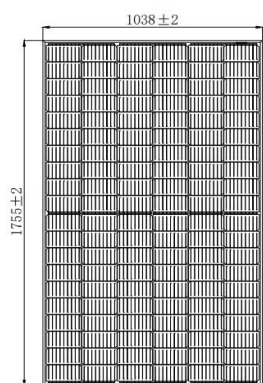
Model—CSM360-380	CSM360-120	CSM370-120	CSM375-120	CSM380-120
Nominal output P _{mpp}	360Wp	370Wp	375Wp	380Wp
Nominal voltage V _{mpp}	33.52V	33.92V	34.12V	34.32V
Nominal current I _{mpp}	10.76A	10.92A	11.01A	11.09A
Short circuit current I _{sc}	11.29A	11.46A	11.54A	11.60A
Open circuit voltage V _{oc}	40.60V	41.03V	41.20V	41.40V
Module efficiency	19.76%	20.31%	20.59%	20.86%

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

MECHANICAL DATA

Solar Cells	9BB Monocrystalline PERC SOLAR CELL		
Cell Orientation	120 cells (6×20)		
Module Dimensions	1755×1038×35mm		
Weight	19.68 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	35 mm(1.38 inches)Anodized Aluminium Alloy		
J-Box	IP 68 rated		
Cables	Photovoltaic Technology Cable 4.0mm ² (0.006 inches ²), 900mm/1200mm(Customized Available)		

Connector		MAXIMUM RATINGS	
MC4 /TS4 Compatible with MC4			
TEMPERATURE RATINGS			
NMOT(Nominal Module Operating Temperature)	41°C (±3°C)	Operational Temperature	-40~+85°C
Temperature Coefficient of P _{MAX}	-0.37%/°C	Maximum System Voltage	1500V DC(IEC)
Temperature Coefficient of V _{OC}	-0.29%/°C		1500V DC(DL)
Temperature Coefficient of I _{SC}	0.05%/°C	Max Series Fuse Rating	20A



Power-Voltage Curve(380W)

