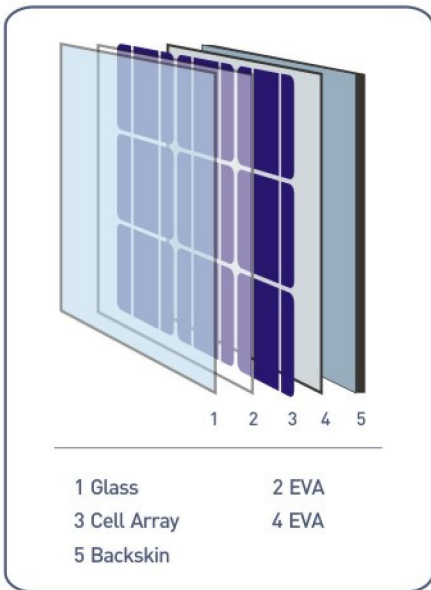
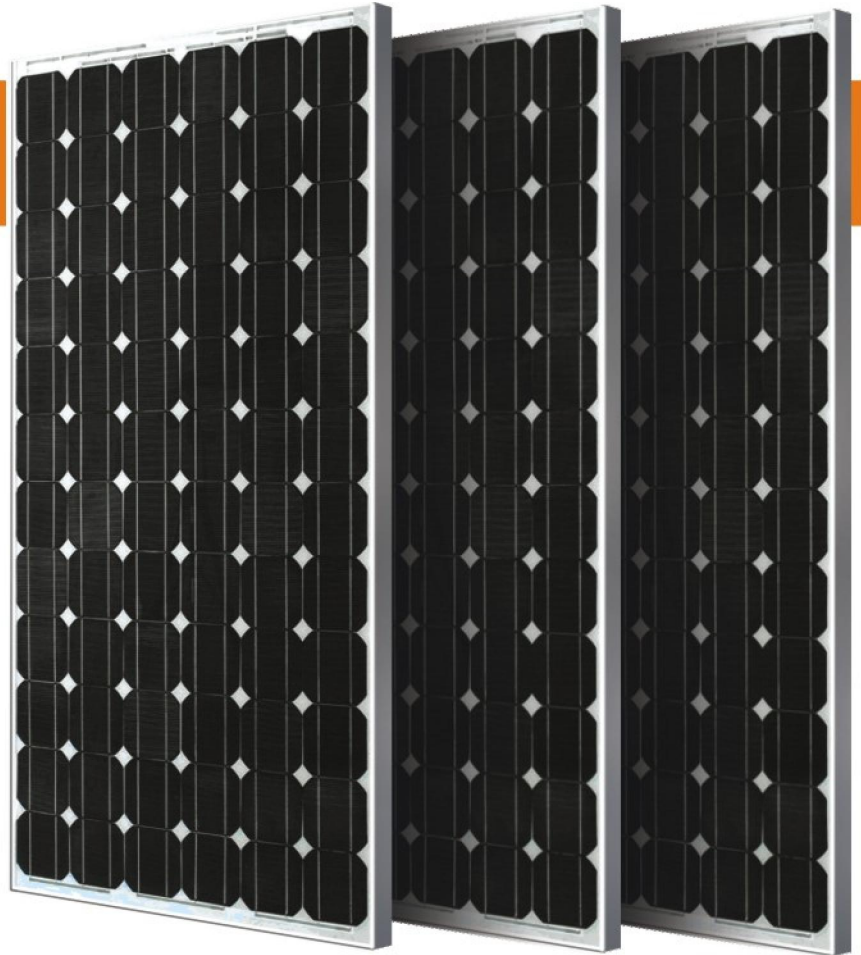




A CHNT COMPANY

ASTRONERGY
SOLAR

CHSM 5612M



AVAILABLE WATTAGES	160	165	170	175	180	185
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THE ASTRONERGY PROMISE: "WE DO QUALITY"

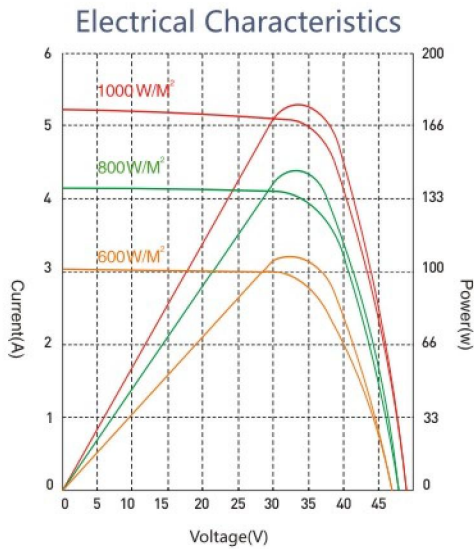
- Astronergy's photovoltaic modules offer excellent performance for solar projects.
- Each cell is carefully manufactured to ensure consistent performance in any module array.
- Our modules are crafted according to the highest quality control standards in our state-of-the-art manufacturing facilities.

AGENT'S STAMP



CHSM 5612M

Electrical Characteristics

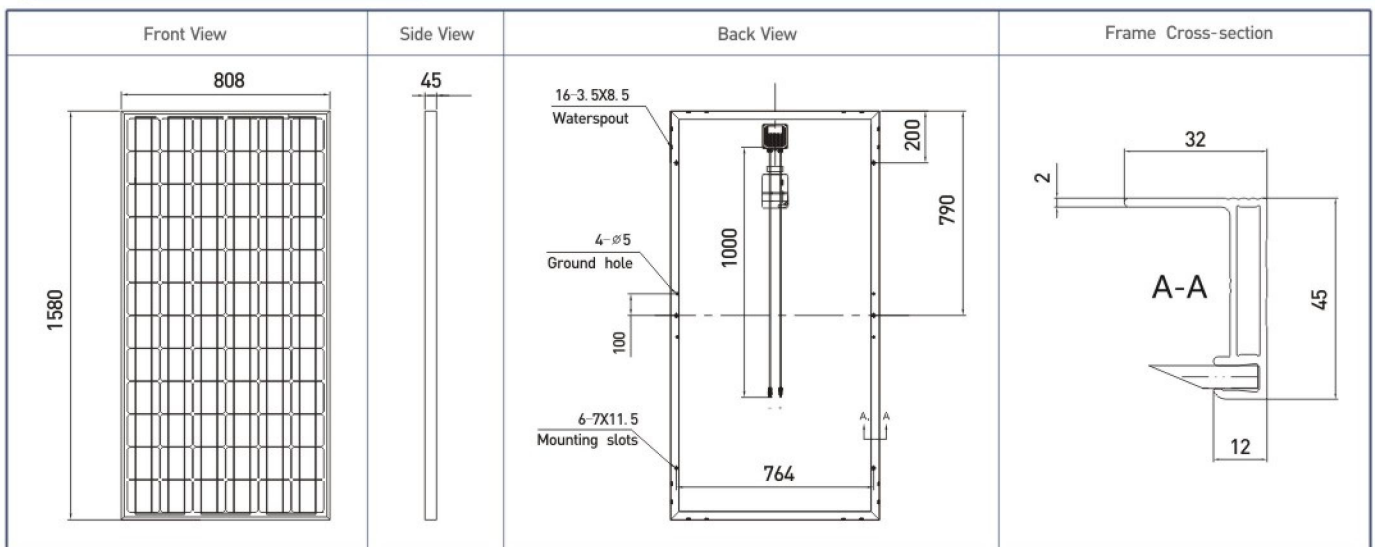


Pmax(Wp)	160	165	170	175	180	185
Isc(A)	5.22	5.29	5.35	5.42	5.49	5.55
Voc(V)	43.62	43.93	44.24	44.55	44.86	45.17
Imp(A)	4.82	4.89	4.96	5.02	5.09	5.16
Vmax(V)	33.26	33.78	34.3	34.82	35.34	35.86
Tolerance(W)	±3%					
Max. System Voltage(V)	DC1000V					
NOCT	47±2°C					
Power Temp.Coeff(/°C)	-0.511%					
Current Temp.Coeff(/°C)	0.055%					
Current Temp.CoeffVoltage Temp.Coeff(/°C)	-0.374%					
Ambient Temp(°C)	-40~85					
Max.Mechanical Load(Kg/m²)	240					
Test Condition	Irradiance of 100 mW/cm², AM1.5 Spectrum, and a Cell Temperature of 25°C					

Dimension Characteristics

Length	1580mm	Width	808mm
Height	45mm	Weight	15.5kg
Cell Type	125*125(mm) Monocrystalline Silicon		
Cell Matrix	6x12	Cell Number	72 pcs
Frame	Aluminum Alloy		

Front View and Back View



Unit:mm