

ARMM5-72P-175

175 Watt



Guarantee positive power tolerance(0~+3%)



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



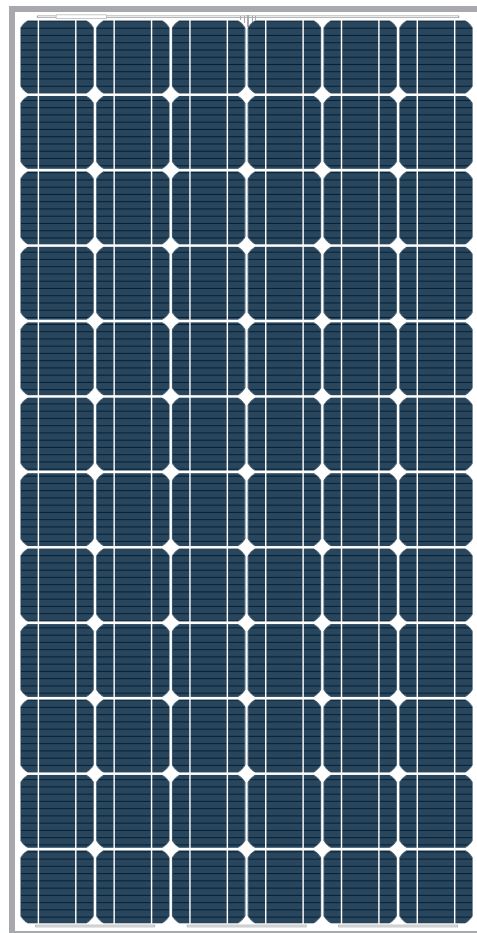
High performance under low light conditions (Cloudy days, mornings and evenings)



Manufacturing facility certified by ISO 9001:2008 and ISO 14001:2004



Chubb products liability insurance, errors and omissions(E&O)insurance



Note: All products of ARMSolar have been certified by designated international organisations. For detailed information, please visit the company's official website

Certification



Electric Performance Typical Performance Characteristics

Short Circuit Current Temperature Coefficient	mA/°C	+4.7
Open Circuit Voltage Temperature Coefficient	V/°C	-0.0743
Maximum Power Temperature Coefficient	%/°C	-0.451
Performance Warranty		
90% output, 12 Years		
80% output, 25 Years		

Industry-leading linear warranty

25 year product warranty



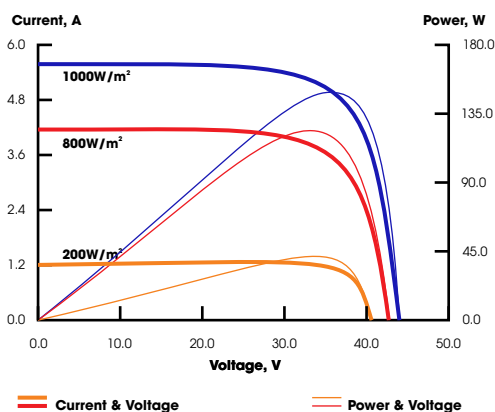
ARMSolar®

Typical Electronic Characteristics	175
Maximum power(pmax)	175
Power Tolerance	0÷+3%
Open Circuit Voltage(Voc)	44.5V
Short Circuit Current(Isc)	5.21A
Maximum Power Voltage(Vmp)	35.7V
Maximum Power Current(Imp)	4.9A
Module Efficiency	16.3%
Series Fuse Rating	15A
Terminal Box	IP65
Max.System Voltage	1000VDC
Cell Size and Series	Mono-Si crystalline 125x125mm(5inch) 72pcs (6x12)
NOTC-Nominal Operating Cell Temperature	-40÷+85°C
STC Condition	Irradiance level 1,000w/m ² , Spectrum AM 1.5, and Cell Temperature 25°C
Certifications	IEC61215, IEC61730, IEC62716, IEC61701-2012, IEC60364-4-41, IEC61724, IEC61853, IEC62446-2016 DIN EN 60068-2-68 ISO 9001:2015, ISO 14001:2004, ISO 17025:2005

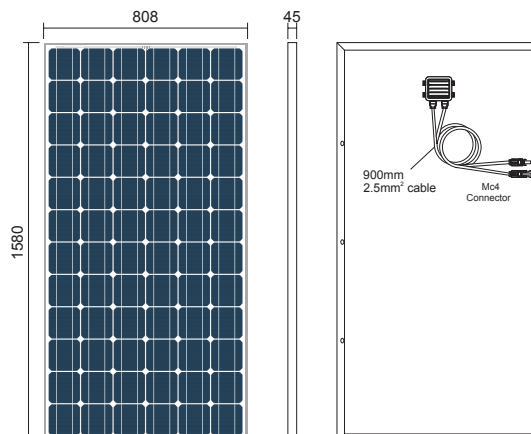
Quality Assurance

1. Electrical insulation test.
2. Outdoor exposure test.
3. Hot-spot endurance test.
4. UV-exposure.
5. Thermal cycling test.
6. Humidity freeze test
7. Damp heat test.
8. Robustness of terminations test.
9. Wet leakage current test.
10. Mechanical load test.
11. Hail impact test.
12. Bypass diode thermal test.

Current-Voltage & Power-Voltage characteristics various irradiance levels



Physical Specifications



Dimension:

Length: 1580 mm
Width: 808 mm
Depth: 45 mm
Weight: 15.5 kg