

ARM5-36P-110

110 Watt



Guarantee positive power tolerance(0~+3%)



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

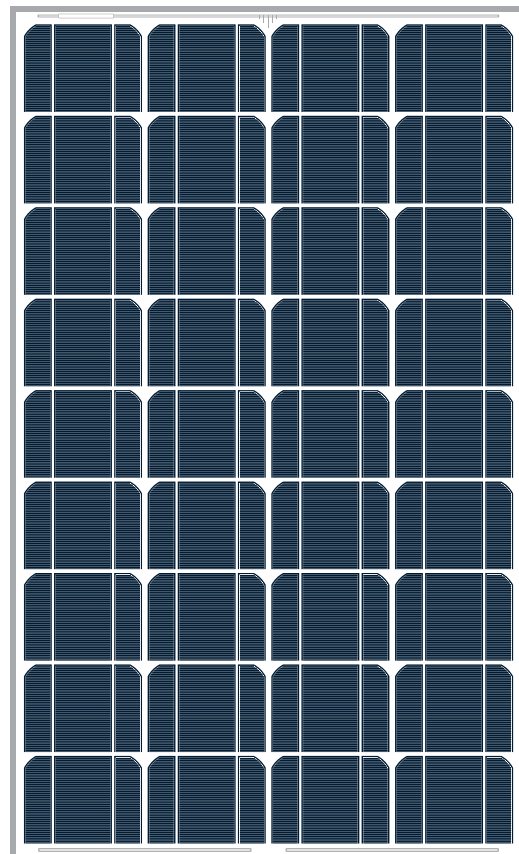


High performance under low light conditions (Cloudy days, mornings and evenings)

Certifications



IEC 61215
IEC 61730
Snow Load Resistance
www.tuv.com
ID 0000023840



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

10 YEARS

Product warranty

12 YEARS

90% Output Warranty

25 YEARS

80% Output Warranty

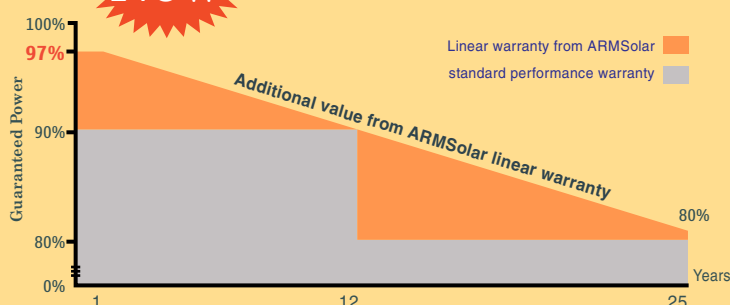
Electric Performance Typical Performance Characteristics

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

Industry-leading linear warranty

25 Year Performance Warranty

New



Features

1. Bypass diode minimizes the power drop by shade.
2. White tempered glass, EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
3. Waterproof (UL94, V-O). Perfect for grid applications.

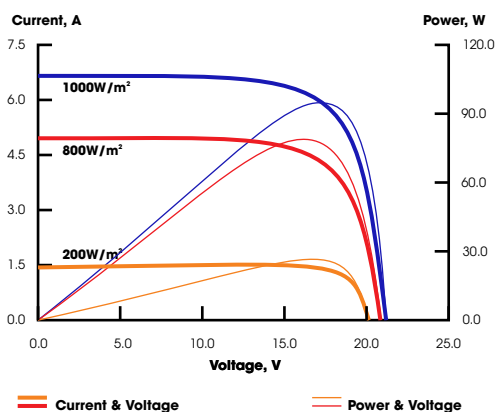
ARM Solar®

Typical Electronic Characteristics	ARMM5-36P-110
Maximum power(pmax)	110
Power Tolerance	0÷+3%
Open Circuit Voltage(Voc)	21.4V
Short Circuit Current(Isc)	6.25A
Maximum Power Voltage(Vmp)	17.7V
Maximum Power Current(Imp)	5.69A
Module Efficiency	15.07%
Series Fuse Rating	15A
Terminal Box	IP65
Max.System Voltage	1000VDC
Cell Size and Series	Mono-Si crystalline 125x125mm(5inch) 36pcs (4x9)
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

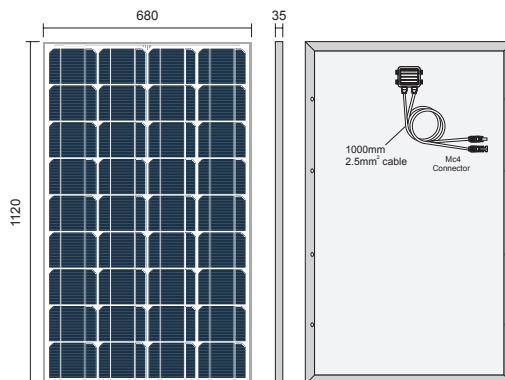
Quality Assurance

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: 1120mm
Width: 680 mm
Depth: 35 mm
Weight: 8.5 kg