

# ARMM6-72P-310

## 310 Watt



Guarantee positive power tolerance(0~+3%)



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



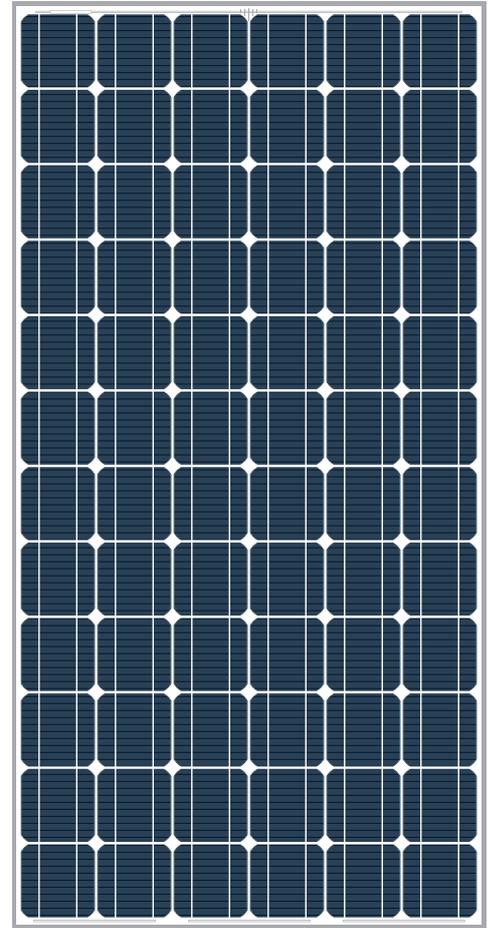
High performance under low light conditions (Cloudy days, mornings and evenings)



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	$\text{mA}/^{\circ}\text{C}$	+4.7
Open Circuit Voltage Temperature Coefficient	$\text{V}/^{\circ}\text{C}$	-0.0743
Maximum Power Temperature Coefficient	$\%/^{\circ}\text{C}$	-0.451
Performance Warranty		
		90% output, 12 Years
		80% output, 25 Years

### Industry-leading linear warranty

25 year product warranty

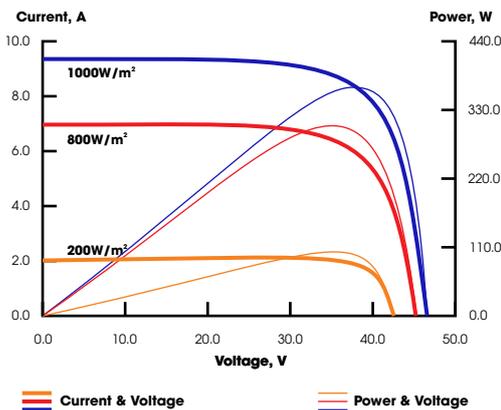


Typical Electronic Characteristics	310
Maximum power(pmax)	310
Power Tolerance	0÷+3%
Open Circuit Voltage(Voc)	45.0V
Short Circuit Current(Isc)	8.79A
Maximum Power Voltage(Vmp)	36.72V
Maximum Power Current(Imp)	8.45A
Module Efficiency	15.98%
Series Fuse Rating	15A
Terminal Box	IP65
Max.System Voltage	1000VDC
Cell Size and Series	Mono-Si crystalline 156x156mm(6inch) 72pcs (6x12)
NOTC-Nominal Operating Cell Temperature	-40÷+85°C
STC Condition	Irradiance level 1,000w/m <sup>2</sup> , 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

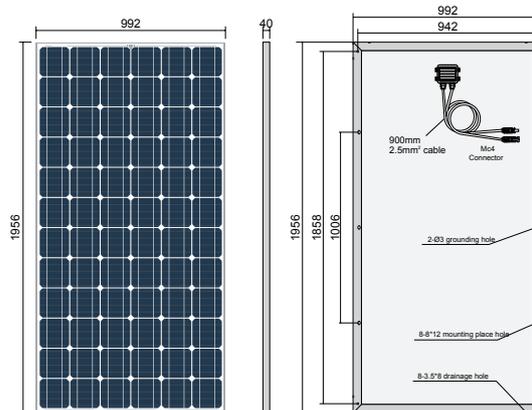
## Quality Assurance

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

### Current-Voltage & Power-Voltage characteristics various irradiance levels



### Physical Specifications



**Dimension:**  
 Length: 1956 mm  
 Width: 992 mm  
 Depth: 40 mm  
 Weight: 22.6 kg

**Packing:**  
 27 pcs / carton

**Loading Capacity:**  
 270 pcs / 20ft container  
 594 pcs / 40ft container