

ARMM6-60P-280

280 Watt



Guarantee positive power tolerance(0~+3%)



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



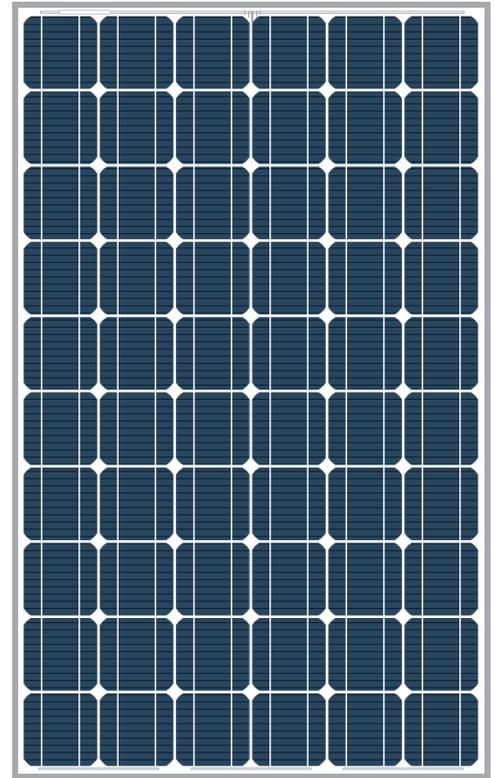
High performance under low light conditions (Cloudy days, mornings and evenings)



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

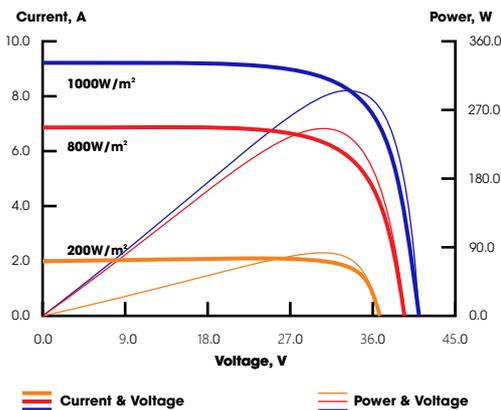


Typical Electronic Characteristics	280
Maximum power(pmax)	280
Power Tolerance	0÷+3%
Open Circuit Voltage(Voc)	38.94V
Short Circuit Current(Isc)	9.26A
Maximum Power Voltage(Vmp)	32.40V
Maximum Power Current(Imp)	8.65A
Module Efficiency	17.21%
Series Fuse Rating	15A
Terminal Box	IP65
Max.System Voltage	1000VDC
Cell Size and Series	Mono-Si crystalline 156x156mm(6inch) 60pcs (6x10)
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

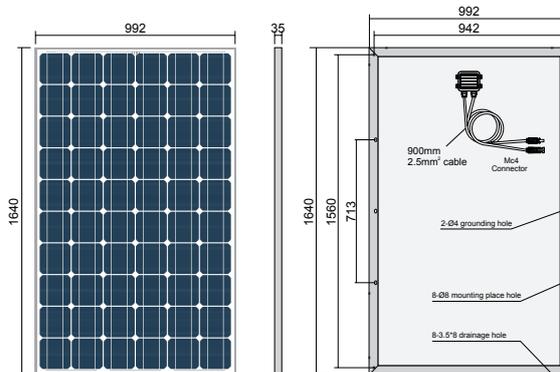
Quality Assurance

1. Electrical insulation test.
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: 1640 mm
 Width: 992 mm
 Depth: 35 mm
 Weight: 19 kg

Packing:
 30 pcs / carton

Loading Capacity:
 360 pcs / 20ft container
 840 pcs / 40ft container