

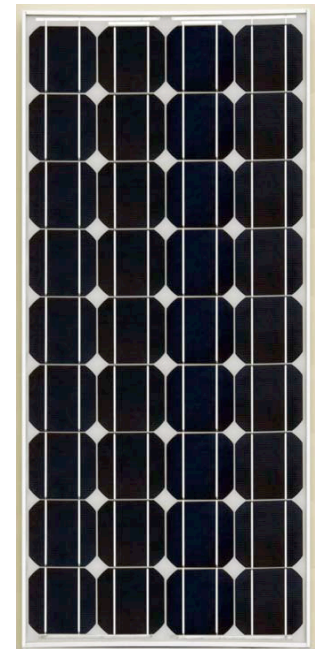
AXN-M6T SERIES

115 – 140 WATT HIGH QUALITY MONO-CRYSTALLINE PV MODULES

AUXIN SOLAR[®]

Using automated production lines, top of the line solar cells and materials complying to highest industry standards, Auxin Solar provides a complete set of poly and mono-crystalline PV modules ranging from **10W to 315W**.

Auxin Solar offers panels for use in small off-grid systems to the largest on-grid solar farms. Panels are tested and qualified for the severest weather conditions.



FEATURES	BENEFITS
Solar cell efficiency over 16.3%	Generate more energy per square meter
Protective, Bypass diodes	Avoids effect of partial shading
Factory equipped weatherproof junction box Waterproof (UL94, V-O) connector Anodized aluminum frame 12v system	Flawless operation in wet weather and marine applications Perfect for GRID and OFF-GRID applications
White tempered glass EVA resin Weather proof film Anodized aluminum frame	Resilient to harsh weather conditions
Highest standards in manufacturing and design quality Cleanroom-like production line ISO9001:2008	Optimal panel performance Long term product performance

QUALITY ASSURANCE

- Backed by liability insurance
- Salt Mist Corrosion Certified
- Wind Resistance Load: 6000Pa
- ISO 9001:2008
- Electrical insulation test
- Outdoor exposure test
- Hot spot endurance test
- UV exposure IEC61345
- Thermal cycling
- Humidity freeze
- Damp heat test
- Robustness of termination test
- Wet leakage current test
- Mechanical load test
- Hail impact test
- Bypass diode thermal test

INVESTMENT PROTECTION

- 5 years product workmanship guarantee
- 12 years 90% power output warranty
- 25 years 80% power output warranty



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

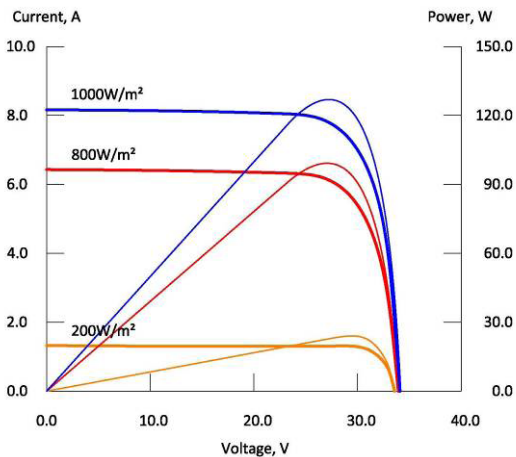
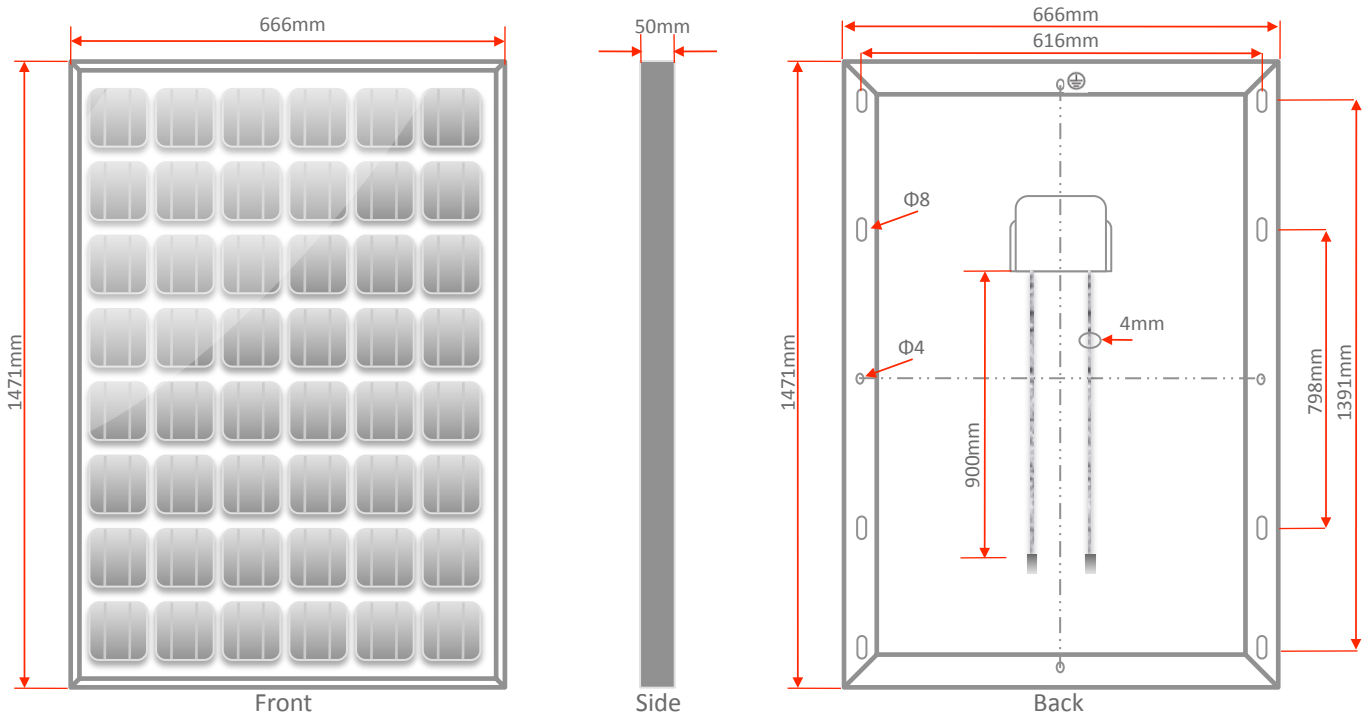


Specifications subject to change without notice.



AXN-M6T SERIES

Electrical Characteristics	AXN-M6T115	AXN-M6T120	AXN-M6T125	AXN-M6T130	AXN-M6T135	AXN-M6T140
Maximum Power [W]	115	120	125	130	135	140
Tolerance	± 5%					
Open circuit Voltage [V]	21.6	21.6	21.82	22.10	22.32	22.43
Short circuit Current [A]	7.92	7.92	7.98	8.05	8.14	8.21
Maximum Power Voltage [V]	17.35	17.35	17.50	17.82	18.14	18.43
Maximum Power Current [A]	6.63	6.92	7.14	7.30	7.44	7.6
Solar Cell Efficiency [%]	13.75	14.5	14.75	15.25	15.62	16.3
Series Fuse Rating [A]	15					
Terminal Box Protection Code	IP65					
Maximum System Voltage [V]	DC1000					
Operating Temperature [C]	-40 to 85					
Number of cells	36 (6" Mono)					



Mechanical Characteristics	
Frame	Anodized Aluminum
Dimension (L x W x D)	57.91" x 26.22" x 1.97" / 1471mm x 666mm x 50mm
Weight/pc	12.0kg/28.7lbs
Packing	10pcs/carton
Loading/container	280pcs/20ft; 600/40ft
Maximum wind load	6000 Pa

Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	48±0.1°C	Irradiance	1000W/m ²
Short circuit current	+0.04%/C	Module Temperature	25 °C
Open circuit voltage	-0.35%/C	AM	1.5
Max power output	-0.45%/C		

Current & Voltage Power & Voltage

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