

# AXN-M6T SERIES

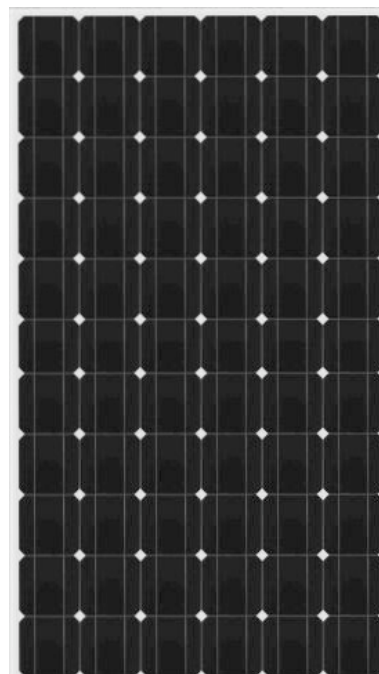
## 245 – 260 WATT

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 290W**.

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 up to 16.9%	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 24V system	Flawless operation in wet weather and marine applications Perfect for <b>GRID</b> 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 ISO9001:2000	Optimal panel performance Long term product performance

### QUALITY ASSURANCE

- ISO9001:2000
- 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

### STANDARD QUALIFICATIONS



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

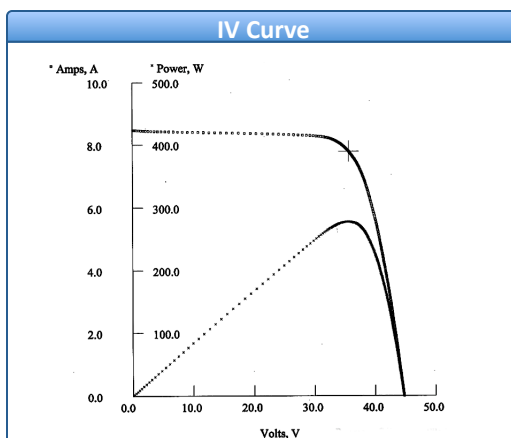
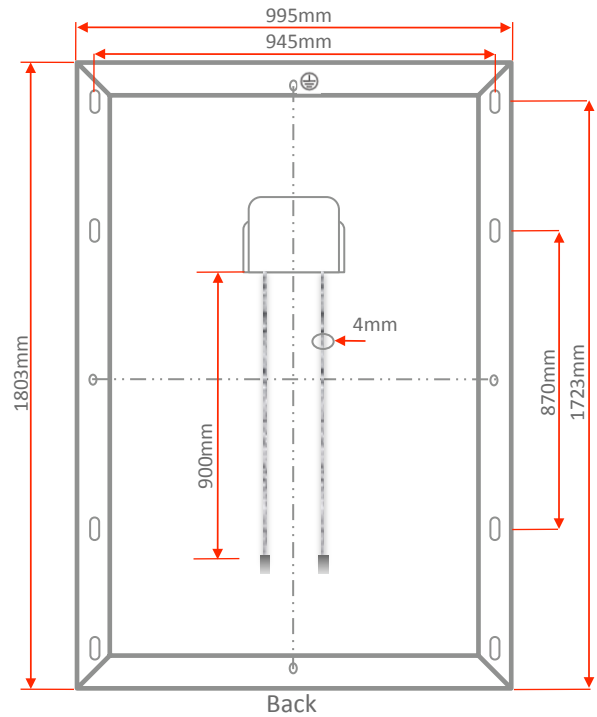
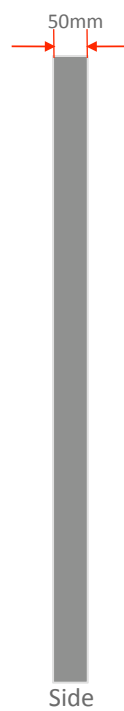
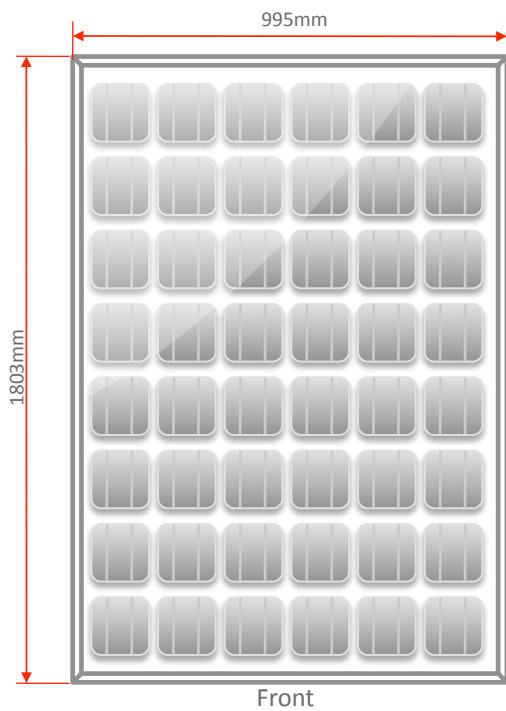


Specifications subject to change without notice.



# AXN-M6T SERIES

Electrical Characteristics	AXN-M6T245	AXN-M6T250	AXN-M6T255	AXN-M6T260
Maximum Power [W]	249.9	254.9	259.9	264.9
Tolerance	± 3%			
Open circuit Voltage [V]	40.72	40.92	41.12	41.32
Short circuit Current [A]	8.11	8.14	8.21	8.29
Maximum Power Voltage [V]	33.00	33.26	33.79	34.32
Maximum Power Current [A]	7.42	7.52	7.55	7.58
Solar Cell Efficiency [%]	15.63	15.88	16.38	16.88
Series Fuse Rating [A]	15			
Terminal Box Protection Code	IP65			
Maximum System Voltage [V]	DC1000			
Operating Temperature [C]	-40 to 85			
Number of cells	66 (6" Mono)			



Mechanical Characteristics	
Frame	Anodized Aluminum
Dimension (L x W x D)	70.98" x 39.17" x 1.97" / 1803mm x 995mm x 50mm
Weight/pc	22.0kg/48.5lbs
Packing	10pcs/carton
Loading/container	240pcs/20ft; 480/40ft

Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	48±0.1°C	Irradiance	1000W/m <sup>2</sup>
Short circuit current	+0.04%/C	Module Temperature	25 °C
Open circuit voltage	-0.35%/C	AM	1.5
Max power output	-0.5358%/C		

Specifications subject to change without notice.