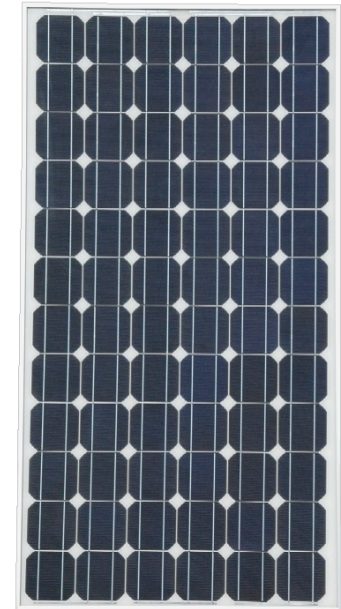


150 – 185 WATT HIGH QUALITY MONO-CRYSTALLINE PV MODULES

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 17.2% | 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 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**
- ISO9001:2008**
- 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

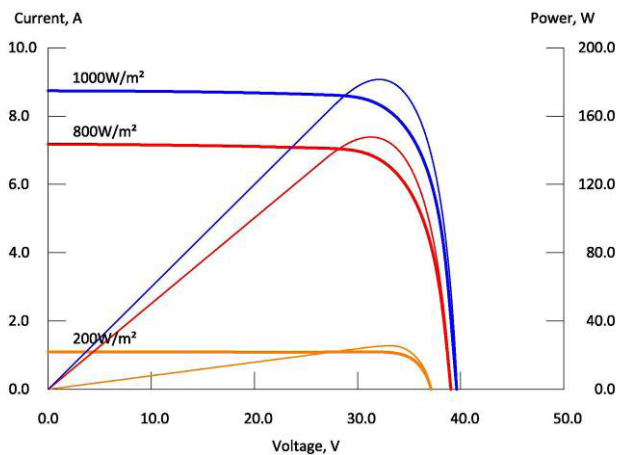
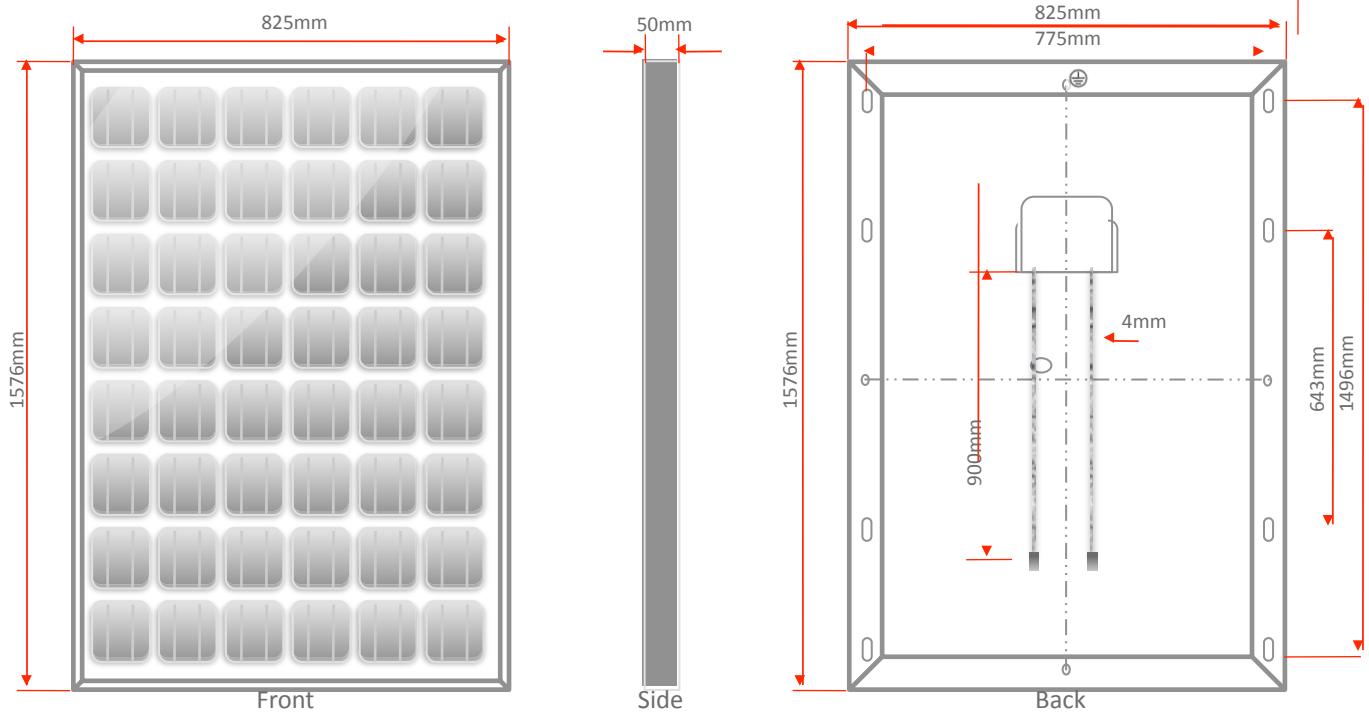
- 5 years product workmanship guarantee
- 12 years 90% power output warranty
- 25 years 80% power output warranty

GI-AXN-M5T Series

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| Electrical Characteristics | GI-AXN-M5T150* | GI-AXN-M5T155 | GI-AXN-M5T160 | GI-AXN-M5T165 | GI-AXN-M5T170 | GI-AXN-M5T175 | GI-AXN-M5T180 | GI-AXN-M5T185* |
|------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Maximum Power [W] | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
| Tolerance | +3% | | | | | | | |
| Open circuit Voltage [V] | 43.49 | 43.49 | 43.63 | 43.78 | 43.92 | 43.99 | 44.06 | 44.14 |
| Short circuit Current [A] | 4.79 | 4.79 | 4.84 | 4.94 | 5.06 | 5.17 | 5.31 | 5.43 |
| Maximum Power Voltage [V] | 35.42 | 35.42 | 35.86 | 36.14 | 36.43 | 36.72 | 36.72 | 36.79 |
| Maximum Power Current [A] | 4.24 | 4.38 | 4.46 | 4.57 | 4.67 | 4.77 | 4.90 | 5.03 |
| Solar Cell Efficiency [%] | 14.57 | 14.62 | 14.87 | 15.37 | 15.87 | 16.37 | 16.87 | 17.15 |
| Series Fuse Rating [A] | 12 | | | | | | | |
| Terminal Box Protection Code | IP65 | | | | | | | |
| Maximum System Voltage [V] | DC1000 | | | | | | | |
| Operating Temperature [C] | -40 to 85 | | | | | | | |
| Number of cells | 72 (5" Mono) | | | | | | | |

* UL only



— Current & Voltage — Power & Voltage

| Mechanical Characteristics | |
|----------------------------|---|
| Frame | Anodized Aluminum |
| Dimension (L x W x D) | 62.05" x 32.48" x 1.97" / 1576mm x 825mm x 50mm |
| Weight/pc | 16.0kg/35.3lbs |
| Packing | 10pcs/carton |
| Loading/container | 240pcs/20ft; 560/40ft |
| Maximum wind load | 6000 Pa |

| Temperature Coefficients | | Standard Test Conditions (STC) | |
|--------------------------|-----------|--------------------------------|----------|
| NOCT | 46±2°C | Irradiance | 1000W/m² |
| Short circuit current | +2.5mA/C | Module Temperature | 25 °C |
| Open circuit voltage | -0.147v/C | AM | 1.5 |
| Max power output | -0.4%/K | | |