

Description

- Solar Photovoltaic Modules Monocrystalline
- This high quality / high performance modules are suitable for power generation, while being tested visually, mechanically and electrically as per to the standard test conditions applicable worldwide. The encapsulation between high transmittance special tempered glass and UV – resistant multi-layer back sheet guarantees the module's excellent durability under harsh outdoor conditions of extreme temperature, high altitudes, deserts and coastal regions. The module – sized self – supporting anodized aluminum frame is designed to allow easy mounting and carrying.
- Enhanced efficiency.
- Better and consistent output.
- Aluminum stand provides resistance to corrosion, high speed wind and snow loads.



Characteristics

- High module efficiency up to 15.60%
- Plus power tolerance : 0 ~ +3%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2~3% more electricity
- Certified by TUV to withstand high level of wind loads (2400Pa) and snow loads (5400Pa)*
- Junction box and bypass diodes guarantee the modules free of overheating and “hot spot effect”
- Industry standards inverters and mounting systems guarantee minimal maintenance
- 100%EL double inspection ensures modules are defects free
- Modules binned current to improve system performance

Technical Specifications

MODEL	MX-100M	MX-150M
Maximum Power at STC (Pmax)	100W	150W
Cell Type	Mono Crystalline 156x156mm	Mono Crystalline 156x156 (6 inches)
Number of cells	72pcs	36 (4x9)
Dimensions (AxBxC)	664x1006x35mm	1482x674x35mm
Weights	11kg	12kg
Front Glass	3.2mm Low iron tempered glass	
Frame	Anodized aluminum alloy	
Junction Box	Ip 65, with bypass diodes	
Connector	MC4 compatible	
Output Cables	TUV, ± length 900mm, 4.0Sq.mm	
Short Circuit Current (Isc)	5.90A	8.66A
Open Circuit Voltage (Voc)	22.32V	22.4V
Maximum Power Current (Impp)	5.56A	8.21A
Maximum Power Voltage (Vmpp)	18.0V	18.1V
Encapsulated Cell Efficiency		16.30%
Module Efficiency		15.00%
Power Tolerance	0~3%	0/+3%