



ASEC-220G6M

220 Watt Photovoltaic Module



CERTIFICATIONS

- IEC 61215
- IEC 61730
- KEMCO

FEATURES

- High efficiency module using 6" multicrystalline solar cells (156 X156mm).
- 60 solar cells and connection in series.
- 14.20% High module conversion efficiency.
- High reliable schottky bypass diode minimizes power drop by shade.
- Using optical low iron tempered anti-reflective glass, EVA laminate and weatherproof back-sheet provide protection in the severe conditions of environment.
- Robust, Clear anodize aluminum frame protected.

SUPERIORITY

- Designed for optimum use in residential and Commercial grid-tied applications.
- Bad weather withstand Junction BOX , crosslink cable and low connection losses connectors.

QUALITY ASSURANCE

- Utilizing advanced technology and automatic production.
- Complete test : Hot-spot endurance , Insulation , Outdoor exposure , UV preconditioning , Humidity-freeze , Damp heat , Thermal cycling , Robustness of terminations , Wet leakage current , Loading , Hail impact.
- Manufactured in ISO 9001 : 2008 certified facility.

WARRANTY

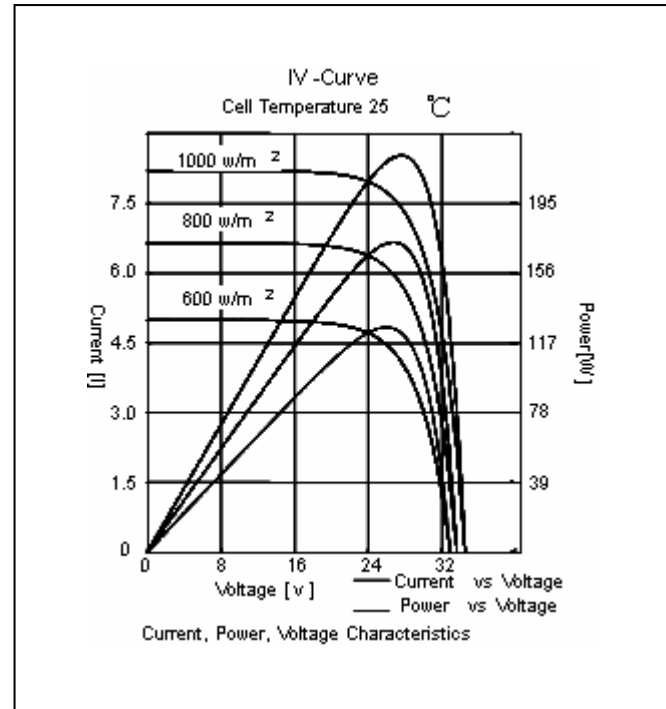
- 12-year of 90% power output
- 25-year of 80% power output
- 5-year of materials and workmanship

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ELECTRICAL CHARACTERISTICS

Maximum Power (Pmax)	220 W
Maximum Power Voltage (Vpm)	29.11V
Maximum Power Current (Ipm)	7.56 A
Open Circuit Voltage (Voc)	36.57 V
Short Circuit Current (Isc)	8.10 A
Module Efficiency (η_m)	14.20 %
Temperature Coefficient of Pmax	-0.5133 %/K
Temperature Coefficient of Voc	-0.3246 %/K
Temperature Coefficient of Isc	0.02818 %/K
Series Fuse Rating	11A
Maximum System Voltage	DC1000 V
NOCT	43°C

※Measured at Standard Test Condition (STC):
Irradiance of 1000/m², Air Mass 1.5g, and Cell Temperature 25°C
 ※Normal Operating Cell Temperature(NOCT):
Irradiance of 800/m², Temperature 25°C, Wind speed 1m/s

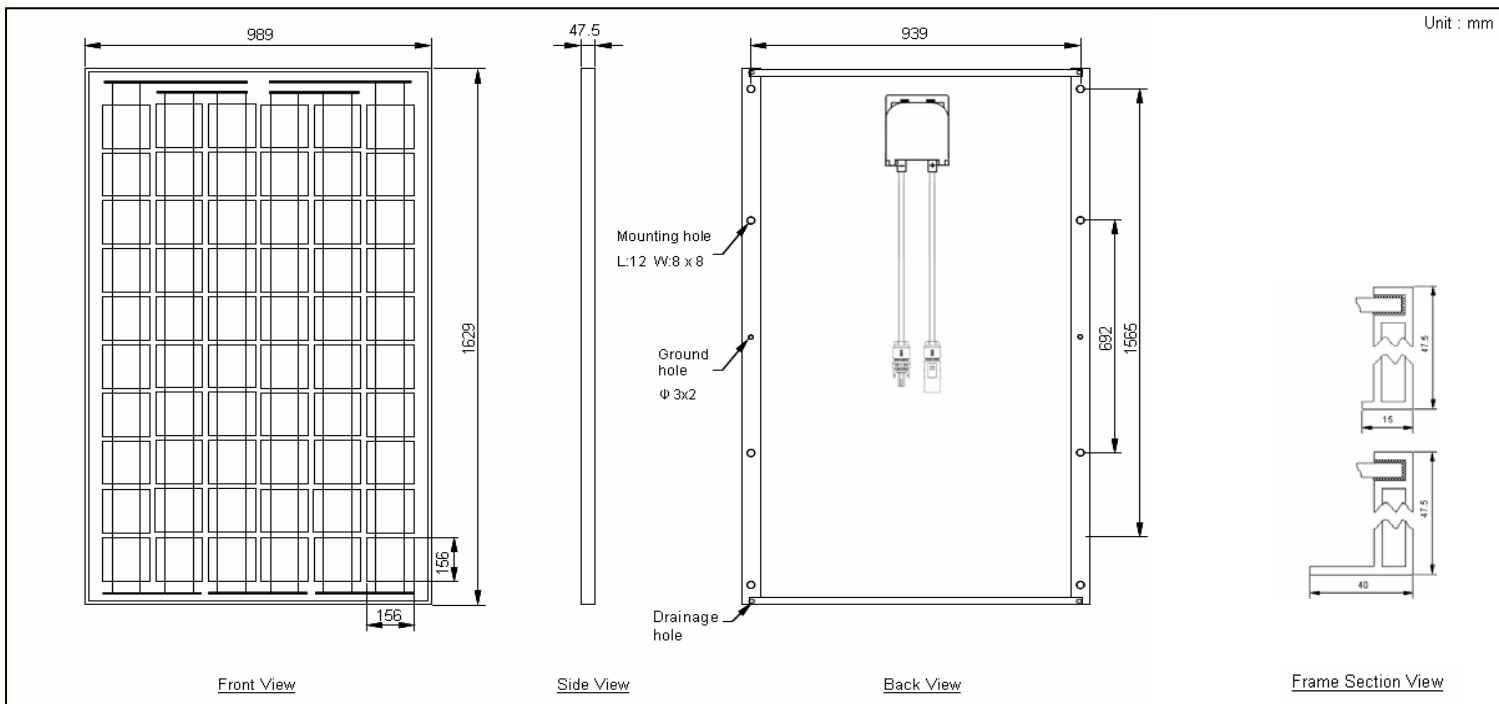


MECHANICAL CHARACTERISTICS

Cell Configuration	60 in series
Cable Length	1000 mm
Dimensions	1629x989x47.5mm
Weight	19.0 kg

QUALIFICATION TEST CONDITIONS

Temperature Cycling Range	-40°C to +85°C
Static Load Front and Back	50 psf (2400Pa)
Hailstone Impact	25mm hail at 23m/s



Note: Design and specifications are subject to change without notice.
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This product specification is confirmed by client:

Client Confirmed

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