



SE6M60 series

ARE DESIGNED FOR HIGH POWER OUTPUT.

The SE6M60 Series, Poly-Crystalline Silicon Modules, represent one of the best products In the PV industry. These products, made of Environmentally sustained material, are light and easy to install.



Anodized frame



Mechanical load at 5400 Pa



90 % output 10 years
80% output 25 years



⊙ CELL CHARACTERISITCS

Type	Poly
Dimension	156 x 156 mm
Number of Cell	60

⊙ ELECTRICAL CHARACTERISTICS

	SE-M225	SE-M230	SE-M235	SE-M240	SE-M245
Peak Power (Wp)	225 W	230 W	235 W	240 W	245 W
Peak Power Voltage (Vmpp)	30.2 V	30.2 V	30.3 V	30.4 V	30.5 V
Peak Power Current (Impp)	7.44 A	7.61 A	7.76 A	7.9 A	8.04 A
Open Circuit Voltage (Voc)	36.6 V	36.7 V	37.1 V	37.2 V	37.4 V
Short Circuit Current (Isc)	8.06 A	8.16 A	8.31 A	8.46 A	8.59 A
Module Efficiency (m	14.0 %	14.3 %	14.6 %	14.9 %	15.3 %
Power tolerance(%)				-3 ~ +3 %	

Standard Test Condition(STC): AM 1.5/1000 W/ m² / 25 °C
Mechanical load at 5400 Pa has been performed.
TUV certificate coverage: SE-M205~M245 in 1 incremental steps.

Photovoltaic module

High performance Poly-crystalline PV module – SE6M60

PHYSICAL CHARACTERISTICS

	mm(in)
Length	1636 mm (64.4)
Width	982 mm (38.66)
Thickness	35 mm (1.37)
Weight	19 kg (41.88 lbs)
Junction Box, Cable (1m), Connectors	Tyco

LIMITS

Operating Temperature	-40~90 °C (-40~194°F)
Storage Temperature	-40~90 °C (-40~194°F)
Maximum System Voltage	DC 1,000 V

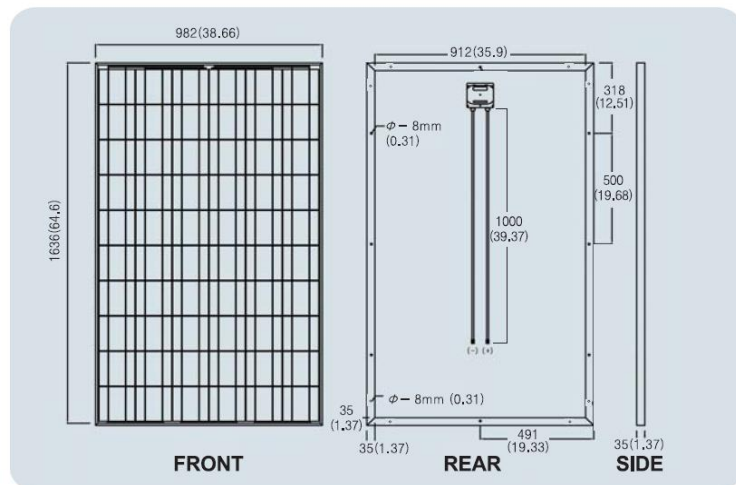
TEMPERATURE COEFFICIENTS

Temperature coefficients of Isc	+0.06%/°C
Storage Temperature	-0.35%/°C
Maximum System Voltage	-0.46%/°C
NOCT	46 °C

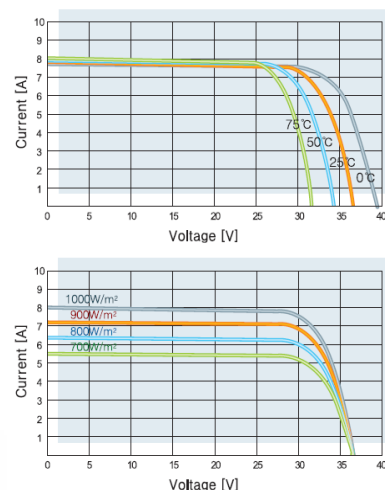
WARRANTY

90% of minimum warranty power output for 10 years
 80% of minimum warranty power output for 25 years
 Free from defect in materials and workmanship for 10 years

MODULE DIMENSIONS



IV CURVE



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



Photovoltaic Module



The Certification Mark for On-grid
 Sustainable Energy Technologies



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