

# 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



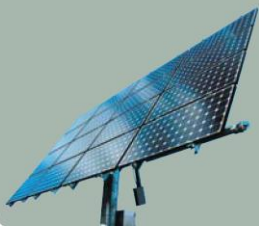
MECHANICAL LOAD  
AT 5400 Pa/550 kg



90 % OUTPUT 10 YEARS  
80% OUTPUT 25 YEARS  
5 YEAR MATERIAL & WORKMANSHIP



**ENERGY  
IS  
EVERYTHING**



## ⊙ CELL CHARACTERISITCS

Type	Multi
Size	156 x 156 mm
Number of cells	60

## ⊙ ELECTRICAL CHARACTERISTICS

	SE-M215	SE-M220	SE-M225	SE-M228	SE-M230	SE-M235
Peak Power (Wp)	215 W	220 W	225 W	228 W	230 W	235 W
Peak Power Voltage (Vmpp)	29.6 V	29.8 V	30.2 V	30.2 V	30.2 V	30.5 V
Peak Power Current (Imp)	7.27 A	7.39 A	7.44 A	7.54 A	7.61 A	7.72 A
Open Circuit Voltage (Voc)	36.2 V	36.3 V	36.6 V	36.7 V	36.7 V	37 V
Short Circuit Current (Isc)	7.89 A	7.95 A	8.06 A	8.12 A	8.16 A	8.24 A
Module Efficiency ( m)	13.4 %	13.7 %	14.0 %	14.2 %	14.3 %	14.7 %
Power tolerance(%)	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%

Standard Test Condition(STC): AM 1.5/1000 W/ m<sup>2</sup> / 25 °C

Mechanical load at 5400 Pa/550 kg has been performed.

TUV certificate coverage: SE-M210~M235 in 1 incremental steps.

\* Capable of producing all items in this range of from 210W to 235W

# 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

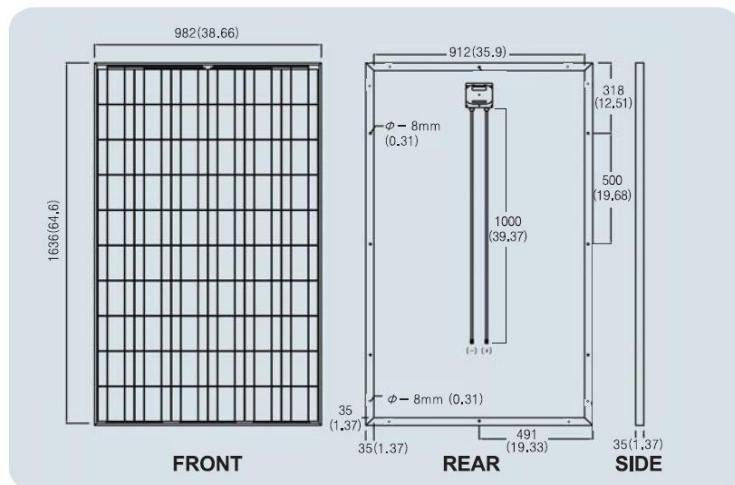
### ⊖ TEMPERATURE COEFFICIENTS

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

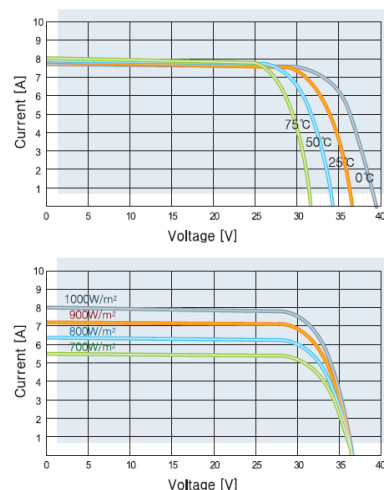
### ⊖ WARRANTY

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 5 years

### ⊖ MODULE DIMENSIONS



### ⊖ MODULE DIMENSIONS



ISO 9001, 14001 BY AFAQ-EAQA  
 IEC 61215, 61730 BY TUV  
 C-UL US 1703

## SYMPHONY ENERGY

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