



Workmanship warranty



**Performance warranty,
90% power output**



**Performance warranty,
80% power output**

M6-6000 SERIES

Mono-Crystalline Photovoltaic Modules

Available in 240 / 250 / 260 / 270 watts

Key Features

Designed for grid-tied commercial applications

Conversion efficiency up to 16.57%

Guaranteed power output -3 ~ +3%

25 years performance warranty

Improved temperature coefficient to retain power output as ambient temperature increases

Strong load resistance withstands wind loads up to 2400Pa and snow loads up to 5400Pa

M6-6000 Series is the most powerful class of conventional solar modules designed for large commercial and solar plant application. Powered by the most reliable solar cells with meticulous use of high quality materials, these modules are manufactured to fulfill long term high yields as promised, and to warrant returns on your vast solar investment as planned.

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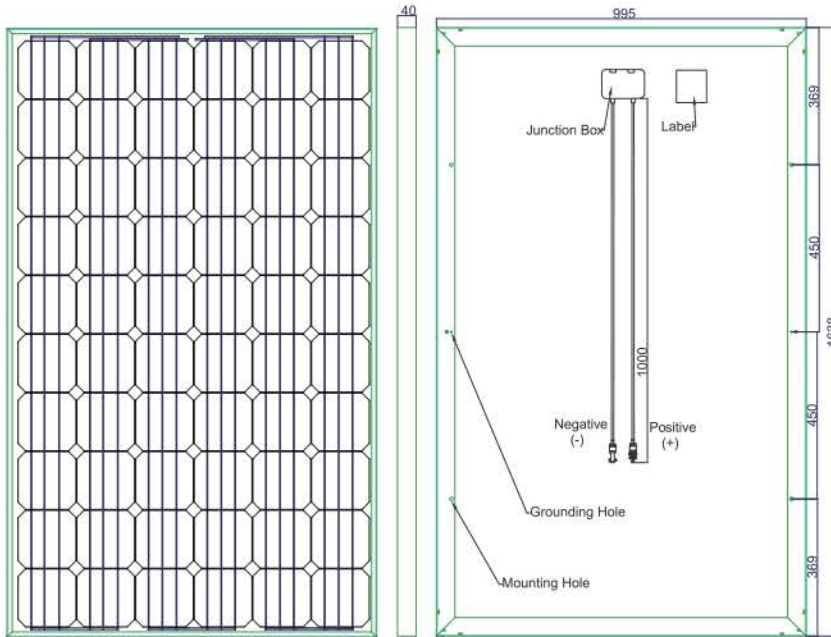
Facotry:

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Product Drawing



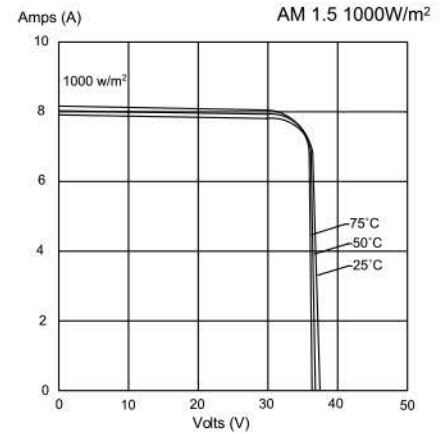
*All dimensions in mm

Mechanical Data

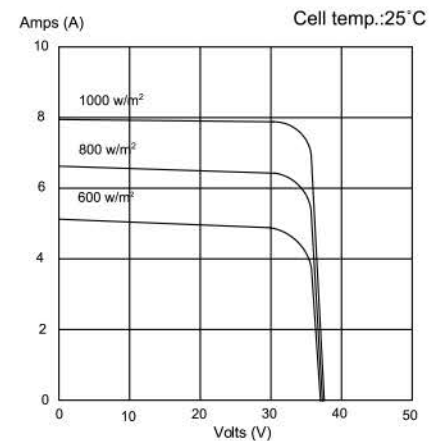
Solar Cells	Mono-crystalline 156 x 156mm(6 inches)
Cell Arrangement	60 cells (6 x 10)
Module Dimension	1638 x 995 x 40mm
Weight	18.7kg
Frame	Anodized aluminium alloy
Front Panel	PV grade tempered glass
Junction Box	IP65 rated
Cables / Connector	PV cable 4.0mm / MC4 compatible

I-V Curves

TEMP. ELECTRICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



Electrical Data

	DST240M6-6000	DST250M6-6000	DST260M6-6000	DST270M6-6000
Maximum Power (Pmax)	240W	250W	260W	270W
Maximum Power Voltage (Vmpp)	30.91V	31.31V	31.64V	32.01V
Maximum Power Current (Impp)	7.84A	8.07A	8.34A	8.60A
Open Circuit Voltage (Voc)	37.42V	37.81V	38.28V	38.75V
Short Circuit Current (Isc)	8.26A	8.41A	8.69A	8.94A
Module Efficiency	14.73%	15.34%	15.95%	16.57%
Power Tolerance	- 3% ~ +3%			
Operating Temp	-40 to +85 °C			
Max System Voltage	DC 1000V (IEC) / 600V (UL)			
Max Series Fusing	15A			
Temperature Coefficient	Pmax	- 0.45% / °C		
	Voc	- 0.34% / °C		
	Isc	0.09% / °C		
	Noct	46 °C		

Packaging

Container	20' GP	40' GP
Pieces per Pallet	46	46
Pieces per Container	276	644

Remarks

- Values at Standard Test Conditions, STC
(Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C).
- Cell color may vary but does not affect the performance of the module.
- Specifications are subject to change without notice.
- Electrical equipment, check with certified electrician before installation.

