



P6-6000 SERIES

Poly-Crystalline Photovoltaic Modules

Available in **230 / 240 / 250 / 260 watts**

Key Features

Engineered for universal applications

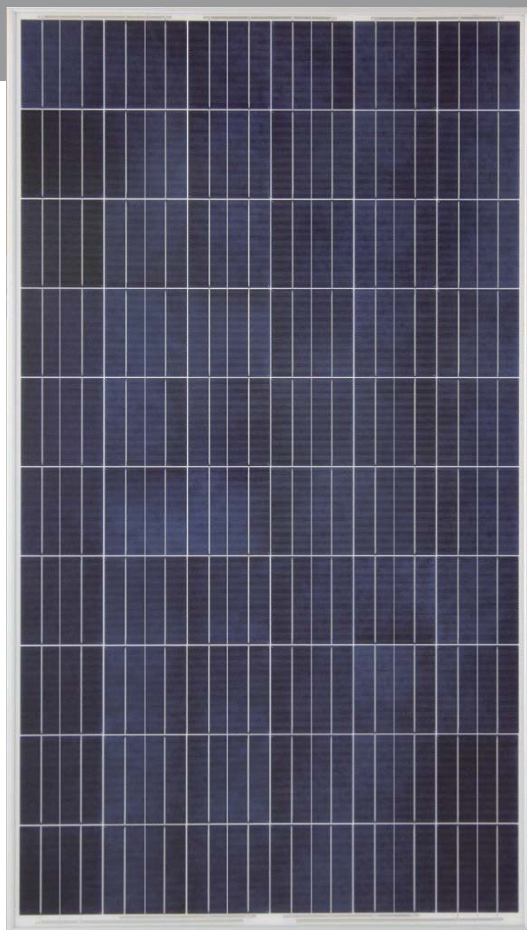
Conversion efficiency up to 15.95%

Guaranteed power output + / - 3%

Long-term product reliability

Improved temperature coefficient sustains high efficiency at high ambient temperature

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



Workmanship warranty



*Performance warranty,
90% power output*



*Performance warranty,
80% power output*

P6-6000 Series features a combination of high power output and multi-application design. Utilizing the most advanced production and material technologies, these quality modules are structured and manufactured to exceed industry standards, lasting to produce reliable solar energy for decades to come.

DS Technology Co., Ltd.

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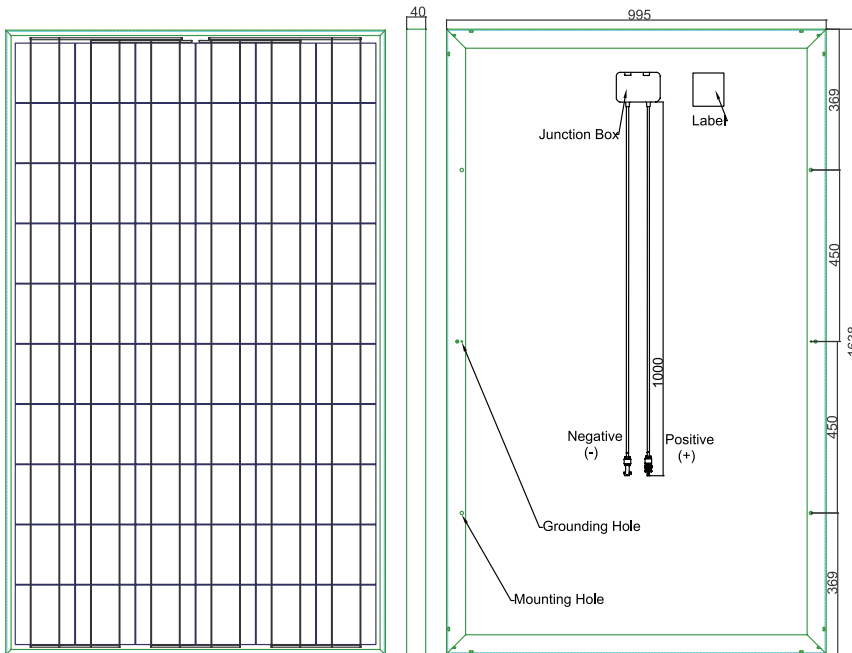
Facotry:

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Product Drawing



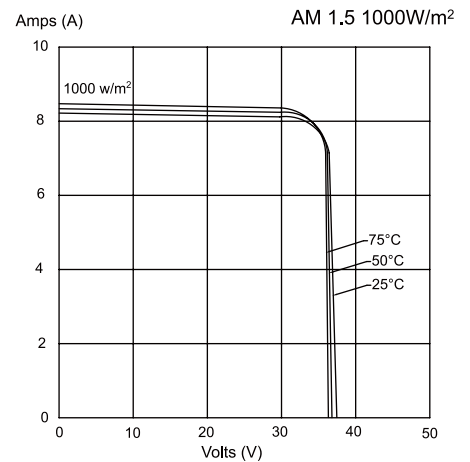
*All dimensions in mm

Mechanical Data

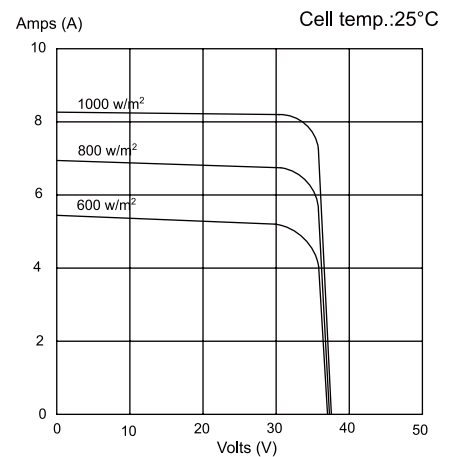
Solar Cells	Poly-crystalline 156 x 156mm (6 inches)
Cell Arrangement	60 cells (6 x 10)
Module Dimension	1638 x 995 x 40mm
Weight	18.7kg
Frame	Anodized aluminium alloy
Front Panel	PV grade tempered glass
Junction Box	IP65 rated
Cables / Connector	PV cable 4.0mm / MC4 compatible

I-V Curves

TEMP. ELECTRICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



Electrical Data

	DST230P6-6000	DST240P6-6000	DST250P6-6000	DST260P6-6000
Maximum Power (Pmax)	230W	240W	250W	260W
Maximum Power Voltage (Vmpp)	30.51V	30.88V	31.26V	31.62V
Maximum Power Current (Impp)	7.56A	7.80A	8.02A	8.28A
Open Circuit Voltage (Voc)	36.83V	37.76V	37.74V	39.60V
Short Circuit Current (Isc)	7.96A	8.21A	8.37A	8.67A
Module Efficiency	14.11%	14.73%	15.34%	15.95%
Power Tolerance	+ / -3%			
Operating Temp	-40 to +85 °C			
Max System Voltage	DC 1000V (IEC) / 600V (UL)			
Max Series Fusing	15A			
Temperature Coefficient	Pmax	- 0.43% / °C		
	Voc	- 0.33% / °C		
	Isc	0.07% / °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.

