250W Monocrystalline

HIGH EFFICIENCY HIGH-QUALITY PV MODULES

Features

High module conversion efficiency

15.46%

Module efficiency up to 15.46% achieved through advanced cell technogy and manfacturing capabilities

Excellent weak light performance

Weak Light

Excellent perfomance uncer low light conditions

Positive tolerance

0/+3%

Pcsitive tolerance of up to 3% delivers higher outputs reliablity

Current sorting process

2%

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage

Extended wind and show load tests

3800Pa
5400Pa

Module certified to withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal)

Withstanding harsh environment

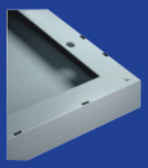
Harsh environment

Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline

Clean Energy Council

Deliver Releable Performance Over Time

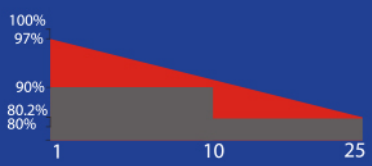
- The leading domestic manufacturer of crystalline silicon photovoltaic modules
- Unrivaled manufacturing capacity and frist technology
- Rigorous quality control meeting the international standards: ISO 9001: 2008, ISO 14001: 2004 and ISO17025: 2005



Compact and Durable Frame Design

New compact frame design is light-weight and easier to handle during installation. The rigid and durable hollow chamber guarantees the same long-term and reliable performance

Industry-Leading Warranty Based on Nominal Power



- 97% in the first year, thereafter, for years two (2) through twenty-Five (25), 0.7% maximum decrease from MODULE's nominal power output per yer, ending with the 80.2% in the 25th year after the defined WARRANTY STARTING DATE
- 10 year material and workmanship warranty

IP67

Ip67 Junction Box

High reliable performance, low resistance connectors ensure maximum output for the highest energy production

HERITAGE INTERNATIONAL DEVLOPMENT CO., LTD.

13/82 Nawamin Rd. Klongkum, Buangkum, Bangkok 10240

Tel.0-2374-8906,0-2734-6538 Fax. 0-2734-6539

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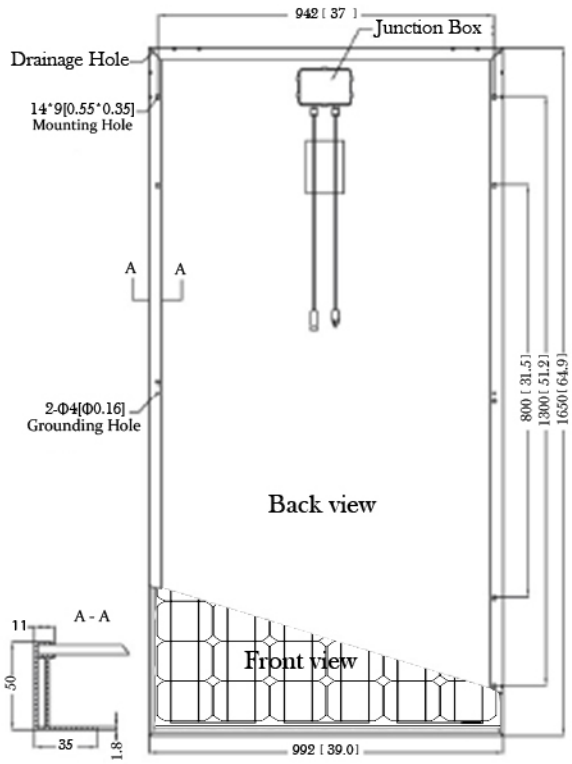


Unit : mm(in)

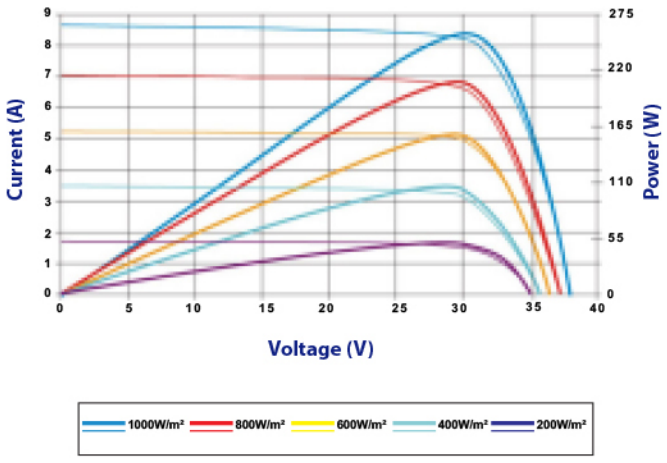
Electrical Characteristics	
Maximum Power (Pmax)	250W
Optimum Operating Voltage (Vmp)	30.98V
Optimum Operating Current (Imp)	8.18A
Open Circuit Voltage (Voc)	36.5V
Short Circuit Cument (Isc)	8.59A
Module Efficiency	15.27%
Operating Module Temperature	-40°c to +85°c
Maximum System Voltage	1000V DC (IEC)
Power Tolerance	0~3%

STC: Irradiance 1000 W/m^2, module temperature 25°c, AM=1.5; Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

Temperature Characteristics	
Nominal Operating Cell Temperature (NOCT)	45 ± 2°c
Temperature Coefficient of Pmax	–0.53%/°c
Temperature Coefficient of Voc	–0.39%/°c
Temperature Coefficient of Isc	0.031%/°c

Mechanical Characteristics	
Solar Cell	Monocrystalline silicon 156x156 mm (6 inches)
No. of Cells	60(6x10)
Dimensions	1650x992x50mm/45mm (65.0x39.1x2.0 inches/1.77 inche)
Weight	19.5kgs (43 lbs)
Front Glass	3.2 mm(0.13 inches) tempered glass
Frame	Anodized aluminium alby
Junction Box	Ip67 rated(6 bypass diodes)
Output Cables	TÜV (2Pfg1169:2007)
	4.0 mm^2 (0.006 inches^2),symmetrical lengths(-)900mm (35.4inches)and(+)900 mm(35.4 inches)
Connectors	MC4 connectors

Current-Voltage & Power-Voltage Curve



Packing Configuration		
Container	20"GP	40"HC
Loading Capacity	494PCS	585PCS

Excellent performance under weak light conditions: at an irradiation intensity of 200 W/m^2 (AM 1.5, 25 °C), 95.5% or higher of the STC efficiency (1000W/m^2) is achieved

ผู้แทนจำหน่าย

250W Polycrystalline

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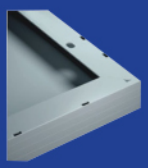

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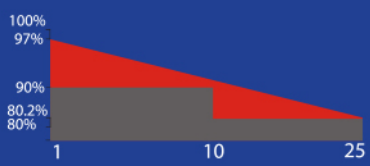

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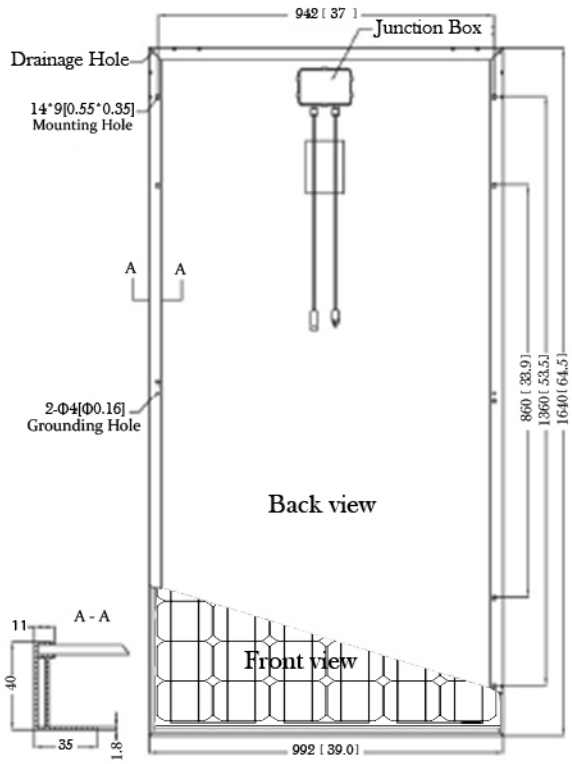

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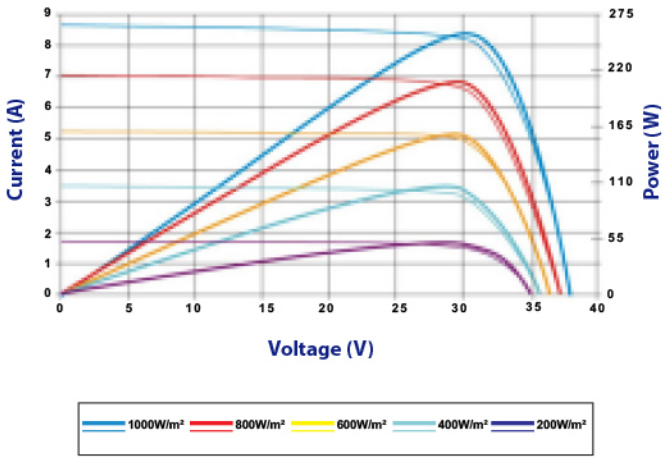

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