



Huawei Solar

HWM6

60/250-270

MONOCRYSTALLINE SILICON MODULE

Key Features

Monocrystalline modules designed for residential and utility applications, rooftop or ground mount

The latest module manufacturing technology, high power output and highest conversion efficiency of 16.21%

Anti-reflective and self-cleaning surface reduces power loss from dirt and dust

Outstanding performance in low-light irradiance environments

Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)

High salt and ammonia resistance certified by TUV NORD

Hunan Huawei Solar Co., Ltd.

Hunan Huawei Solar Co., Ltd, is a world-leading manufacturer of high-performance photovoltaic products that convert sunlight into electricity for residential, commercial, and utility-scale power generation. The company was founded on Sep, 2009, and its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry.

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Reliable Quality

- Positive power tolerance: 0-+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) free

Comprehensive Certificates

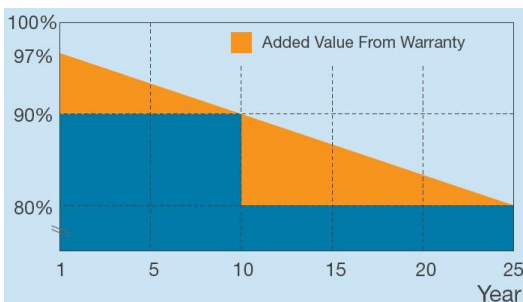
- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001:2008:Quality management systems
- ISO 14001:2004:Environmental management systems
- BS OHSAS 18001:2007:Occupational health and safety management systems



Specifications subject to technical changes and tests. Huawei Solar reserves the right of final interpretation.

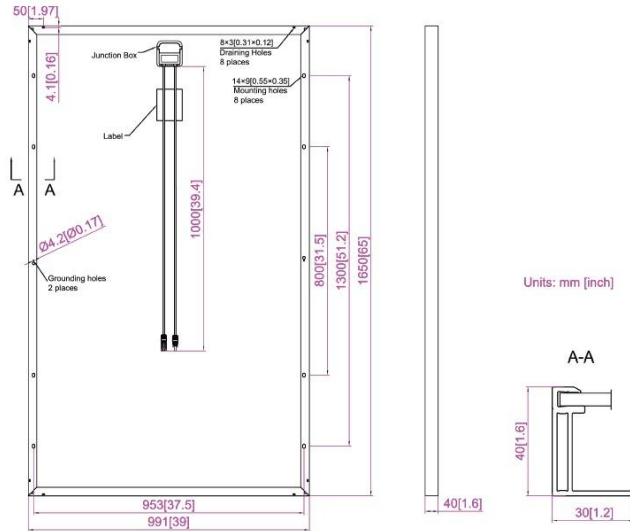
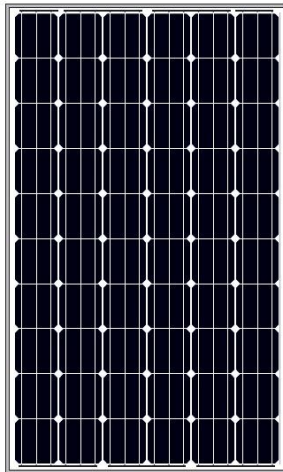
Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



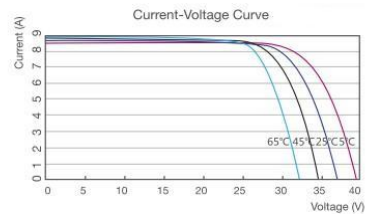
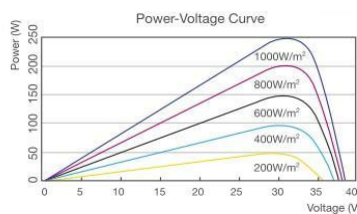
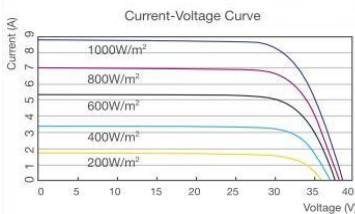
HWM6 60/250-270

Engineering Drawings



MECHANICAL PARAMETERS		WORKING CONDITIONS	
Cell (mm)	Mono 156 × 156	Maximum System Voltage	DC 1000V/600V/1000V
Weight (kg)	18.5 (approx.)	Operating Temperature	-40°C ~ +85°C
Dimensions (L × W × H)(mm)	1650 × 991 × 40	Maximum Series Fuse	15A
No. of Cells and Connections	60(6 × 10)	Maximum Static Load, Front	5400Pa (112 lb/ft ²)
		Maximum Static Load, Back	2400Pa(50 lb/ft ²)
No. of Diodes	3 or 6 (2 in parallel)	NOCT	45±2°C
Junction Box Connector	MC4 Compatible	Application Class	Class A
Packaging Configuration	26/26+2 Per Pallet		

I-V CURVE: (HWM6 60-250)



ELECTRICAL PARAMETERS					
TYPE	HWM6 60-250/SI	HWM6 60-255/SI	HWM6 60-260/SI	HWM6 60-265/SI	HWM6 60-270/SI
Rated Maximum Power at STC (W)	250	255	260	265	270
Open Circuit Voltage (Voc/V)	37.88	38.1	38.24	38.38	38.62
Maximum Power Voltage (Vmp/v)	30.35	30.62	30.98	31.24	31.54
Short Circuit Current (Isc/A)	8.66	8.72	8.76	8.8	8.82
Maximum Power Current (Imp/A)	8.24	8.31	8.39	8.48	8.56
Module Efficiency [%]	15.29	15.59	15.90	16.21	16.51
Power Tolerance (W)	-0~+5				
Temperature Coefficient of Isc	+0.049%/°C				
Temperature Coefficient of Voc	-0.340%/°C				
Temperature Coefficient of Pmax	-0.430%/°C				
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5				

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.