



# Huawei Solar

## HWM5(L)

72/195-215

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 16.45%

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

### 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.

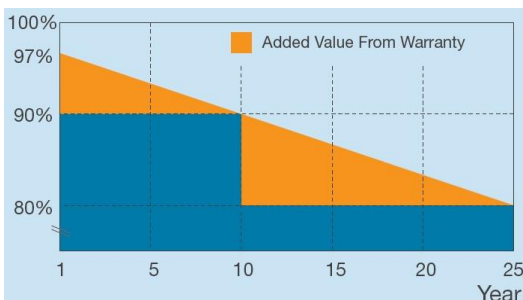
### Hunan Huawei Solar Co., Ltd.

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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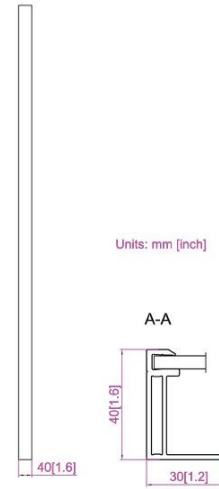
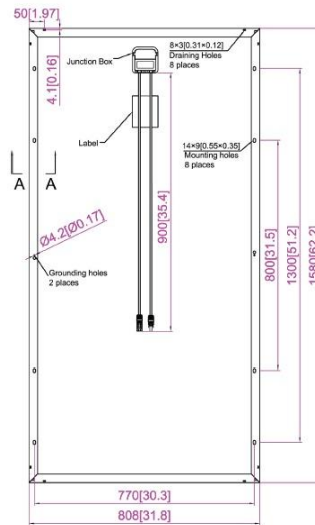
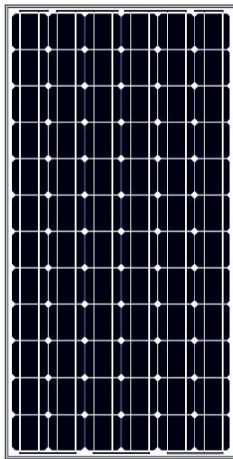
### Superior Warranty

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



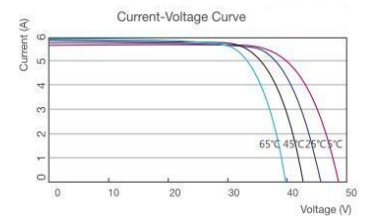
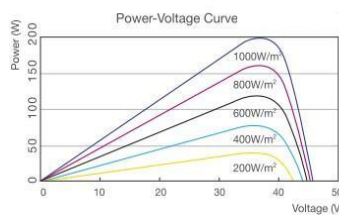
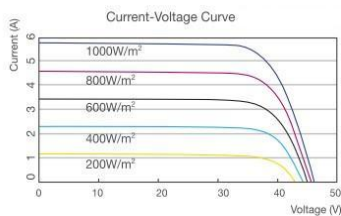
# HWM5(L) 72/195-215

## Engineering Drawings



MECHANICAL PARAMETERS		WORKING CONDITIONS	
Cell (mm)	Mono 125 × 125	Maximum System Voltage	DC 1000V/600V/1000V
Weight (kg)	15.0 (approx.)	Operating Temperature	-40°C ~ +85°C
Dimensions (L × W × H)(mm)	1580 × 808 × 40	Maximum Series Fuse	10A
No. of Cells and Connections	72(6 × 12)	Maximum Static Load, Front	5400Pa (112 lb/ft <sup>2</sup> )
No. of Diodes	3	Maximum Static Load, Back	2400Pa(50 lb/ft <sup>2</sup> )
Junction Box Connector	MC4 Compatible	NOCT	45±2°C
Packaging Configuration	26/26+2 Per Pallet	Application Class	Class A

### I-V CURVE : (HWM5(L)72-200)



ELECTRICAL PARAMETERS					
TYPE	HWM5(L) 72-195/SI	HWM5(L) 72-200/SI	HWM5(L) 72-205/SI	HWM5(L) 72-210/SI	HWM5(L) 72-215/SI
Rated Maximum Power at STC (W)	195	200	205	210	215
Open Circuit Voltage (Voc/V)	45.56	45.69	45.92	46.09	46.15
Maximum Power Voltage (Vmp/v)	36.66	37.11	37.35	37.73	38.06
Short Circuit Current (Isc/A)	5.6	5.69	5.74	5.79	5.82
Maximum Power Current (Imp/A)	5.32	5.39	5.49	5.57	5.65
Module Efficiency [%]	15.27	15.67	16.06	16.45	16.84
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 <sup>2</sup> , 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.