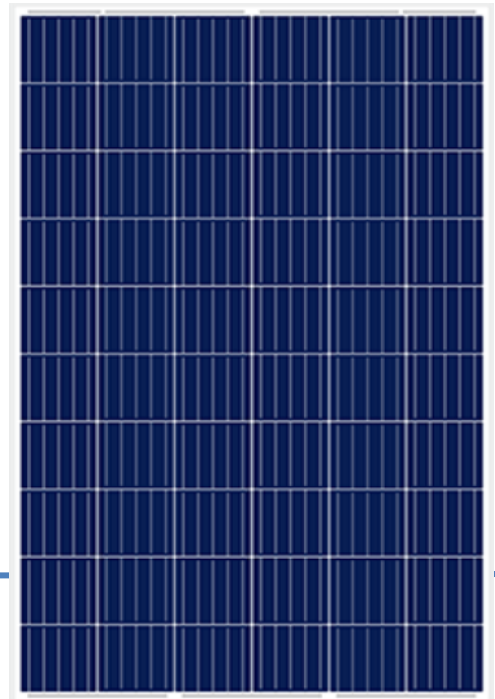




HW-P360H(275-295)

High Efficiency Poly Solar Module



Introduction

5BB and high-density interconnect technology improves power output and module efficiency.

Deploying advanced non-destructive cutting and half-cut technology, the Module features excellent Mechanical performance.



Excellent power generation performance

0/+5W positive power tolerance
Improved low light irradiance performance and low degradation



Advanced production process

Optimized MBB design
Cell efficiency >18.0%



Stable mechanical performance

Passed rigorous hail test
Withstands 5400Pa snow and 2400Pa wind loads



Superior quality control

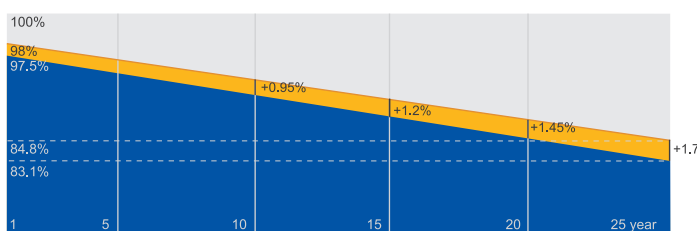
Full automatic production line
100% three times EL and appearance inspection

Certificate

TUV: EN IEC 61215, EN IEC 61730
GB/T 19001-2016/ISO 9001:2015
GB/T 24001-2016/ISO 14001:2015
GB/T 45001-2020/ISO 45001:2018



Warranty



■ New linear power warranty ■ Standard module linear power warranty

Hiwatt Solar Limited

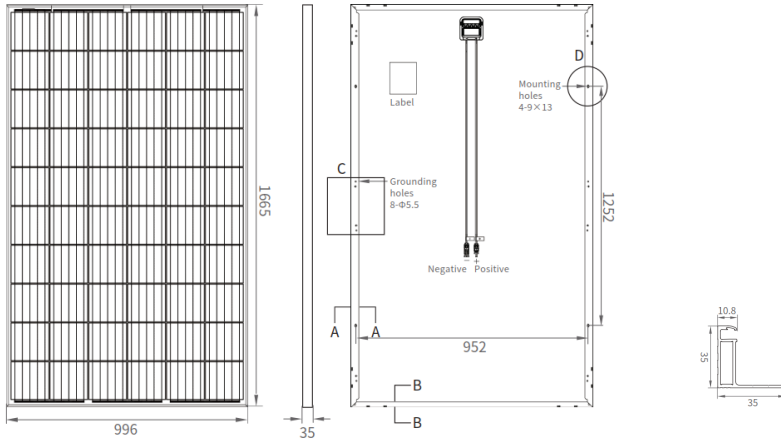
No.6, Fazhan Road, Dongtai city, Jiangsu, China

Tel:+86-523-89118897

Email: Info@hiwattsolar.com

Web: www.hiwattsolar.com

MECHANICAL DIAGRAMS



SPECIFICATIONS

Solar Cells	Polycrystalline
No. Of Cells	60(6x10)
Dimensions	1665x996x35mm
Weight	17.8kgs
Junction Box	IP 68, 3 Diodes
Cables	4.0mm ²
Connectors	QC 4.10-35(1500V)

ELECTRICAL DATA (STC)

	275	280	285	290	295
Peak Power Watts-PMAX (Wp)	275	280	285	290	295
Power Tolerance-PMAX (W)	0 ~ +5				
Maximum Power Voltage -VMPP (V)	31.07	31.39	31.63	31.87	32.10
Maximum Power Current -IMPP (A)	8.85	8.92	9.01	9.10	9.19
Open Circuit Voltage -VOC (V)	38.30	38.58	38.86	39.13	39.40
Short Circuit Current -ISC (A)	9.35	9.45	9.55	9.65	9.75
Module Efficiency (%)	16.6	16.9	17.2	17.5	17.8

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.

ELECTRICAL DATA (NOCT)

Maximum Power-PMAX (Wp)	204	208	212	215	219
Maximum Power Voltage -VMPP (V)	28.91	29.20	29.43	29.65	29.86
Maximum Power Current -IMPP (A)	7.08	7.14	7.21	7.28	7.35
Open Circuit Voltage -VOC (V)	35.92	36.18	36.44	36.70	36.95
Short Circuit Current -ISC (A)	7.54	7.62	7.70	7.79	7.87

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	43°C (±2°C)
Temperature Coe-cient of PMAX	- 0.34%/°C
Temperature Coe-cient of VOC	- 0.25%/°C
Temperature Coe-cient of ISC	0.04%/°C

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC (IEC)
Max Series Fuse Rating	30A

PACKAGING

Modules per box:	31 pieces
Modules per 40' container:	924 pieces

WARRANTY

- 12 year Product Workmanship Warranty
- 25 year Power Warranty
- 0.55% Annual Power Attenuation
- 2% first year degradation

CHARACTERISTICS

