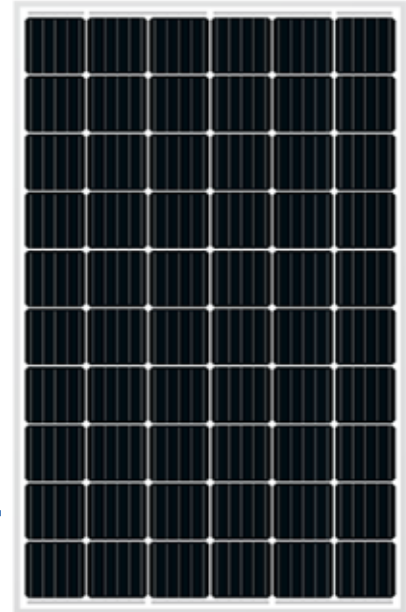




HW-M360H(310-330)

High Efficiency Mono 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 >20.0%



Stable mechanical performance

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



Superior quality control

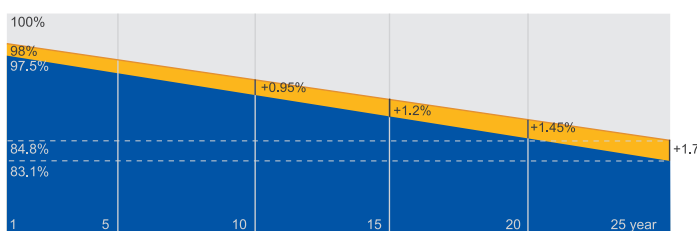
Full automatic production line
100% three times EL and appearance inspection

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

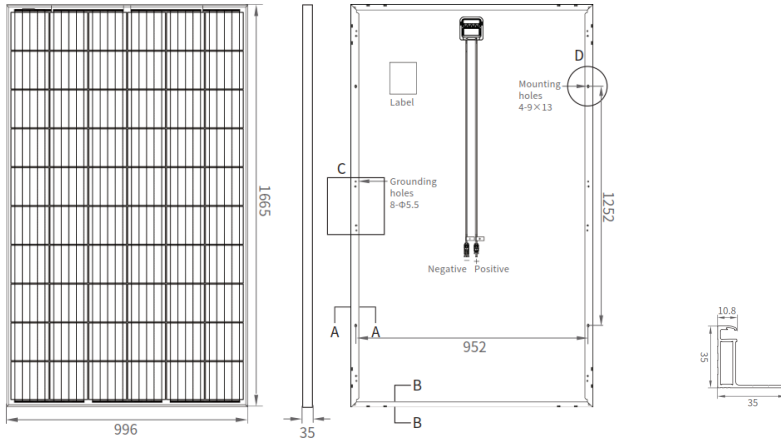
No.6, Fazhan Road, Dongtai city, Jiangsu, China

Tel:+86-523-89118897

Email: Info@hiwattsolar.com

Web: www.hiwattsolar.com

MECHANICAL DIAGRAMS



SPECIFICATIONS

Solar Cells	Monocrystalline
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)

	310	315	320	325	330
Peak Power Watts-PMAX (Wp)	310	315	320	325	330
Power Tolerance-PMAX (W)	0 ~ +5				
Maximum Power Voltage -VMPP (V)	32.29	32.68	32.96	33.20	33.43
Maximum Power Current -IMPP (A)	9.57	9.64	9.71	9.79	9.87
Open Circuit Voltage -VOC (V)	39.57	40.01	40.44	40.87	41.22
Short Circuit Current -ISC (A)	10.07	10.12	10.17	10.22	10.29
Module Efficiency (%)	18.7	19.0	19.3	19.6	19.9

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

ELECTRICAL DATA (NOCT)

Maximum Power-PMAX (Wp)	230	234	238	241	245
Maximum Power Voltage -VMPP (V)	30.14	30.40	30.66	30.88	31.10
Maximum Power Current -IMPP (A)	7.66	7.71	7.77	7.83	7.90
Open Circuit Voltage -VOC (V)	37.11	37.52	37.93	38.33	38.66
Short Circuit Current -ISC (A)	8.12	8.16	8.21	8.25	8.30

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

