



Half-Cell SERIES

HTM360~380MH3-60

Half-Cell Monocrystalline Silicon PV Modules



HIGH OUTPUT POWER

Output power is higher than the same type of conventional monocrystalline modules



ANTI-PID CHARACTERISTICS

Ensure large-scale production of half-cell monocrystalline modules pass PID test



HOT-SPOT EFFECT

Excellent hot-spot immunity, can effectively avoid the power loss caused by shadow coverage, significantly extend life span



LOAD CAPACITY

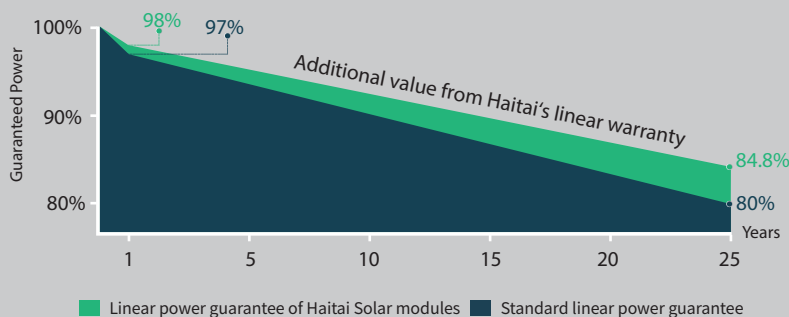
Certified to withstand: wind load(2400 Pascal)and snow load(5400 Pascal)



HARSH ENVIRONMENT ADAPTATION

High salt mist and ammonia resistance certified by TUV

LINEAR PERFORMANCE WARRANTY



12-year product warranty / 25-year linear power warranty

Linear attenuation of 0.55% per year within 25 years



Mechanical Data

Cell Type	166×83mm Mono
Cell Orientation	120(6×20)
Module Dimensions	1755×1038×35mm
Weight	20.0kg
Glass	3.2mm high transmittance, reinforced glass
Backsheet	Anti-aging film
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP68
Cable	4.0 mm ² positive pole: 250 mm negative pole: 300 mm wire length can be customized
Connector	MC4 compatible connector

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Electrical Data (STC)

Maximum Power (Pmax/W)	360	365	370	375	380
Open Circuit Voltage (Voc/V)	40.60	40.80	41.00	41.20	41.40
Short Circuit Current (Isc/A)	11.30	11.37	11.45	11.54	11.60
Voltage at Maximum Power (Vmp/V)	33.52	33.72	33.92	34.12	34.32
Current at Maximum Power (Imp/A)	10.75	10.83	10.92	11.00	11.08
Module Efficiency (%)	19.76	20.04	20.31	20.59	20.86

Electrical Data (NMOT)

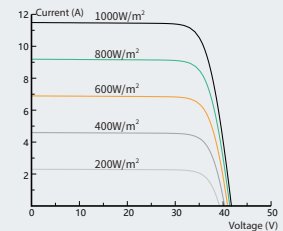
Maximum Power (Pmax/W)	267	271	275	279	283
Open Circuit Voltage (Voc/V)	37.29	37.49	37.69	37.89	38.09
Short Circuit Current (Isc/A)	9.36	9.44	9.51	9.59	9.65
Voltage at Maximum Power (Vmp/V)	30.74	30.94	31.14	31.34	31.54
Current at Maximum Power (Imp/A)	8.70	8.77	8.84	8.91	8.98

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

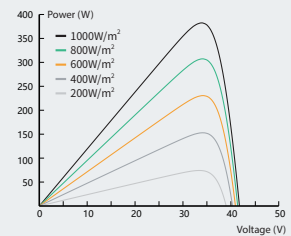
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.

I-V Curve

Current-Voltage Curve(380W)



Power-Voltage Curve(380W)



Temperature Coefficients

Temperature Coefficient (Pm)	-0.350%/°C
Temperature Coefficient (Voc)	-0.270%/°C
Temperature Coefficient (Isc)	0.048%/°C

Operating Parameters

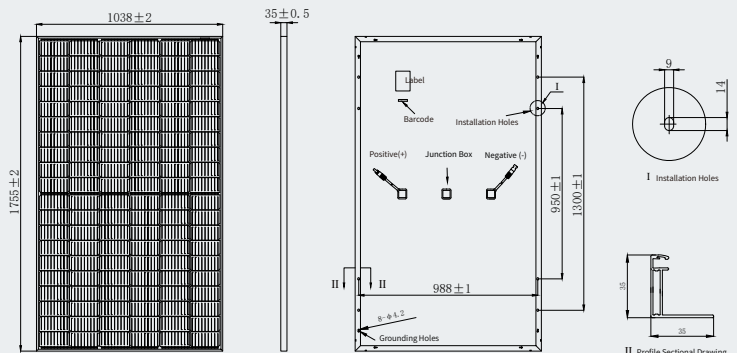
Maximum System Voltage	1000/1500V
Operating Temperature	-40°C ~+85°C
NMOT (Nominal Module Operating Temperature)	41±3°C

Packaging

Modules Per Pallet: 31+31pcs / 31+31+4pcs

Modules Per 40'HQ Container: 806pcs / 858pcs

Module Dimensions (mm)



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*Due to continuous innovation, R & D and product improvement, Haitai Solar has the right to adjust the specs on this datasheet at any time without prior notice.