Haitai Solar

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

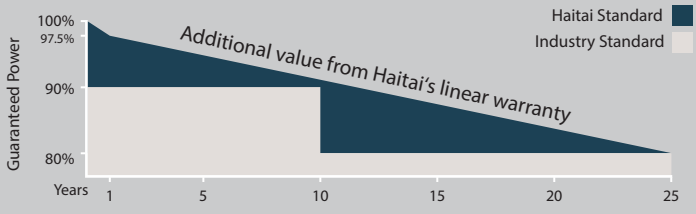
Certified to withstand:wind load(2400 Pascal)and snow load(5400 Pascal)

HARSH ENVIRONMENT ADAPTATION

High salt mist and ammonia resistance certified by TUV

LINEAR PERFORMANCE WARRANTY

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



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(Black)
Frame Material	Anodized aluminum alloy(Black)
Junction Box	Protection class IP68
Cable	4.0 mm^2 positive pole: 300 mm negative pole: 400 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
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
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
Module Efficiency (%)	19.76	20.04	20.31	20.59	20.86

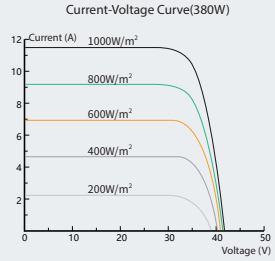
Electrical Data (NMOT)

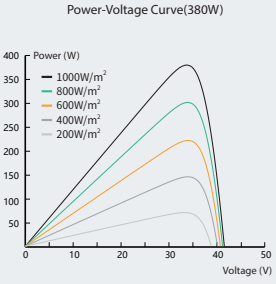
Maximum Power (Pmax/W)	267	271	275	279	283
Voltage at Maximum Power (Vmp/V)	30.74	30.94	31.14	31.34	31.54
Current at Maximum Power (Imp/A)	8.70	8.77	8.84	8.91	8.98
Open Circuit Voltage (Voc/V)	37.29	37.49	37.69	37.89	38.09
Short Circuit Current (Isc/A)	9.36	9.44	9.51	9.59	9.65

STC (Standard Testing Conditions): Irradiance 1000W/m^2, Cell Temperature 25°C, AM1.5

NMOT (Nominal Moudule Operating Temperature): Irradiance 800W/m^2, Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.

I-V Curve





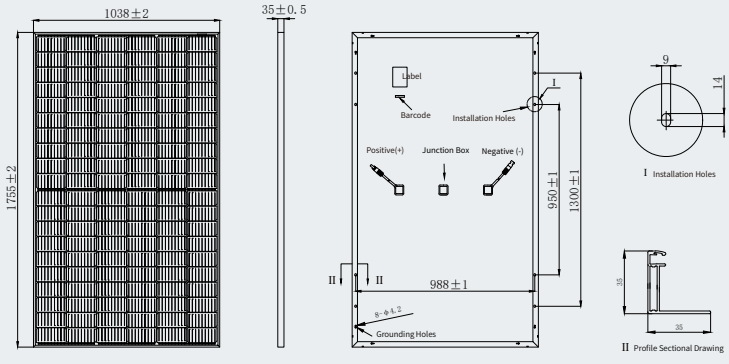
Temperature Coefficients

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 Moudule Operating Temperature)	41±3°C

Module Dimensions (mm)



Packaging

Modules Per Pallet:31+31pcs / 31+31+2pcs

Modules Per 40'HQ Container:744pcs / 768pcs

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