



Half-Cell SERIES

HTM330~350PH-72

Half-Cell Polycrystalline Silicon PV Modules



HIGH OUTPUT POWER

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



ANTI-PID CHARACTERISTICS

Ensure large-scale production of half-cell polycrystalline 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)

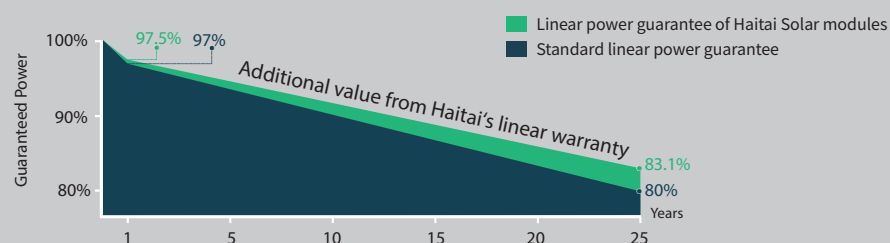


HARSH ENVIRONMENT ADAPTATION

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	156.75×78.375mm Poly
Cell Orientation	144(6×24)
Module Dimensions	1997×992×35mm
Weight	22.0kg
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 (P _{max} /W)	330	335	340	345	350
Open Circuit Voltage (V _{oc} /V)	45.95	46.30	46.65	47.00	47.35
Short Circuit Current (I _{sc} /A)	9.21	9.28	9.35	9.42	9.49
Voltage at Maximum Power (V _{mp} /V)	37.89	38.16	38.42	38.68	38.94
Current at Maximum Power (I _{mp} /A)	8.71	8.78	8.85	8.92	8.99
Module Efficiency (%)	16.66	16.91	17.16	17.42	17.67

Electrical Data (NMOT)

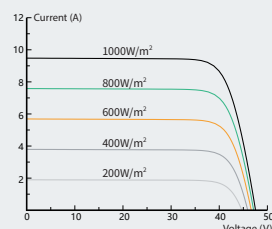
Maximum Power (P _{max} /W)	244	248	252	256	260
Open Circuit Voltage (V _{oc} /V)	43.55	43.96	44.36	44.78	45.18
Short Circuit Current (I _{sc} /A)	7.32	7.37	7.42	7.47	7.52
Voltage at Maximum Power (V _{mp} /V)	35.68	36.01	36.32	36.63	36.97
Current at Maximum Power (I _{mp} /A)	6.84	6.89	6.94	6.99	7.04

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

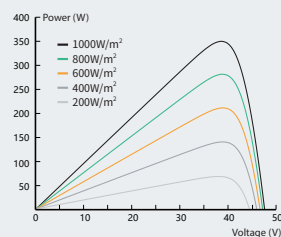
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.

I-V Curve

Current-Voltage Curve(350W)



Power-Voltage Curve(350W)



Temperature Coefficients

Temperature Coefficient (P _m)	-0.370%/°C
Temperature Coefficient (V _{oc})	-0.290%/°C
Temperature Coefficient (I _{sc})	0.050%/°C

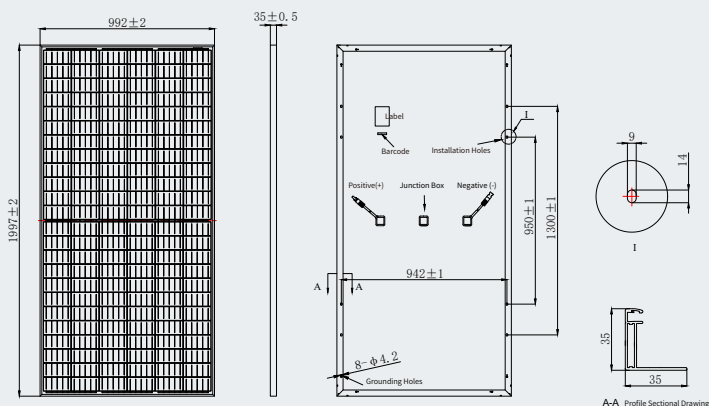
Operating Parameters

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+4 pcs
Modules Per 40'HQ Container: 682pcs/726 pcs

Module Dimensions (mm)



*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.

 **Haitai Solar**

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