Haitai Solar

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

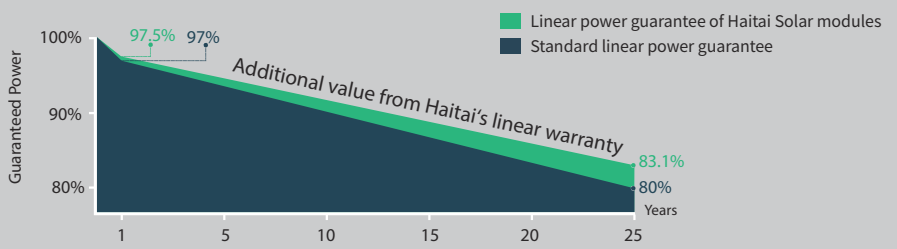
Certified to withstand:wind load(2400 Pascal)and snow load(5400 Pascal)

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: 300 mm negative pole: 400 mm wire length can be customized
Connector	MC4 compatible connector

HTM330~350PH-72

Half-Cell Polycrystalline Silicon PV Modules

Electrical Data (STC)

Maximum Power (Pmax/W)	330	335	340	345	350
Open Circuit Voltage (Voc/V)	45.95	46.30	46.65	47.00	47.35
Short Circuit Current (Isc/A)	9.21	9.28	9.35	9.42	9.49
Voltage at Maximum Power (Vmp/V)	37.89	38.16	38.42	38.68	38.94
Current at Maximum Power (Imp/A)	8.71	8.78	8.85	8.92	8.99
Module Efficiency (%)	16.66	16.91	17.16	17.42	17.67

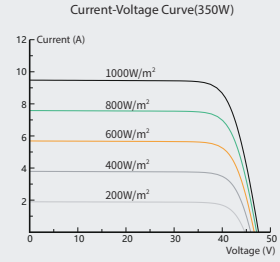
Electrical Data (NMOT)

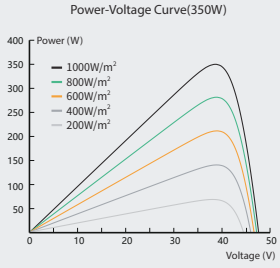
Maximum Power (Pmax/W)	244	248	252	256	260
Open Circuit Voltage (Voc/V)	43.55	43.96	44.36	44.78	45.18
Short Circuit Current (Isc/A)	7.32	7.37	7.42	7.47	7.52
Voltage at Maximum Power (Vmp/V)	35.68	36.01	36.32	36.63	36.97
Current at Maximum Power (Imp/A)	6.84	6.89	6.94	6.99	7.04

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

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

I-V Curve





Temperature Coefficients

Temperature Coefficient (Pm)	-0.370%°C
Temperature Coefficient (Voc)	-0.290%°C
Temperature Coefficient (Isc)	0.050%°C

Operating Parameters

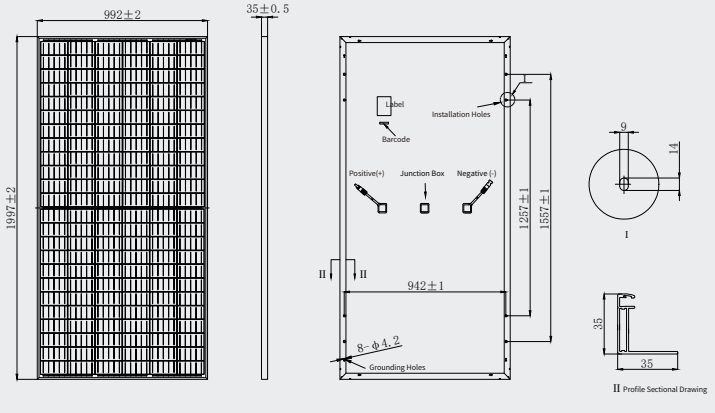
Maximum System Voltage	1000/1500V
Operating Temperature	-40°C ~+85°C
NMOT (Nominal Moudule Operating Temperature)	41±3°C

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

Tangshan Haitai New Energy Technology Co., Ltd.

Add: No.88, Haomen Road, Yutian County, Tangshan City, Hebei Province, China

Tel: +86-315-5051826 E-mail: ht@htsolargroup.com

Web: www.haitai-solar.com