

Normal SERIES

HG325~345P/Ga

Polycrystalline Silicon PV Modules



ANTI-PID CHARACTERISTICS

Ensure large-scale production polycrystalline modules pass PID test



LOW-LIGHT PERFORMANCE

High-transmittance glass and surface texturing allows for excellent performance in low-light environments



LOAD CAPACITY

Entire module certified to withstand high wind loads(2400 pascal) and snow loads(5400 pascal)



HARSH ENVIRONMENT ADAPTATION

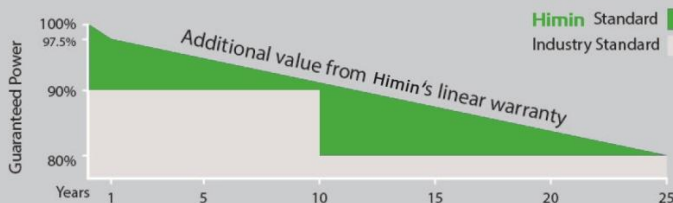
High salt mist and ammonia resistance certified by TUV



FIREPROOF CAPABILITY
TUV certified fire test

LINEAR PERFORMANCE WARRANTY

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



Mechanical Data

Cell Type	156.75×156.75mm Poly
Cell Orientation	72(6×12)
Module Dimensions	1956×992×40mm
Weight	21.8kg
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: 1200 mm negative pole: 1200 mm wire length can be customized
Connector	MC4 compatible connector

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Electrical Data (STC)

Maximum Power (Pmax/W)	325	330	335	340	345
Voltage at Maximum Power (Vmp/V)	37.24	37.52	37.79	38.04	38.30
Current at Maximum Power (Imp/A)	8.73	8.80	8.87	8.94	9.01
Open Circuit Voltage (Voc/V)	45.60	45.95	46.30	46.65	47.00
Short Circuit Current (Isc/A)	9.23	9.29	9.35	9.41	9.47
Module Efficiency (%)	16.74	17.00	17.26	17.51	17.77

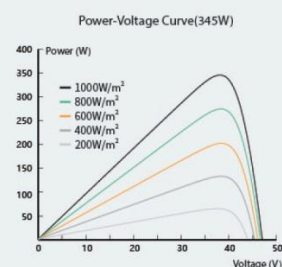
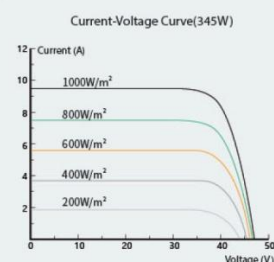
Electrical Data (NMOT)

Maximum Power (Pmax/W)	240	244	248	252	256
Voltage at Maximum Power (Vmp/V)	34.79	35.11	35.44	35.75	36.06
Current at Maximum Power (Imp/A)	6.90	6.95	7.00	7.05	7.10
Open Circuit Voltage (Voc/V)	43.15	43.56	43.97	44.38	44.79
Short Circuit Current (Isc/A)	7.29	7.34	7.39	7.44	7.49

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



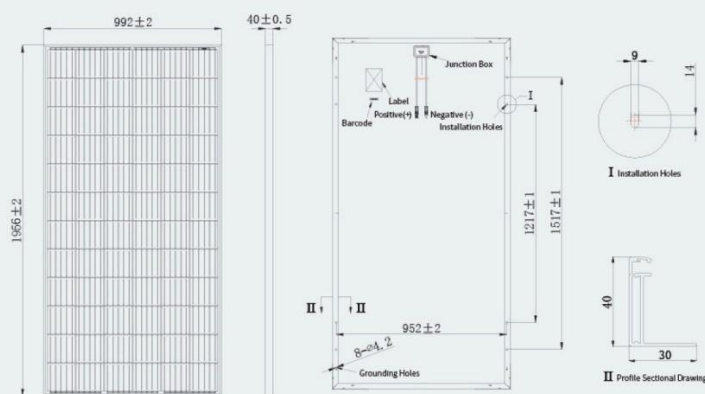
Temperature Coefficients

Temperature Coefficient (Pm)	-0.390 °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 Module Operating Temperature)	41±3°C

Module Dimensions (mm)



Packaging

Modules Per Pallet: 27+27+4 pcs
 Modules Per 40'HQ Container: 696 pcs



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