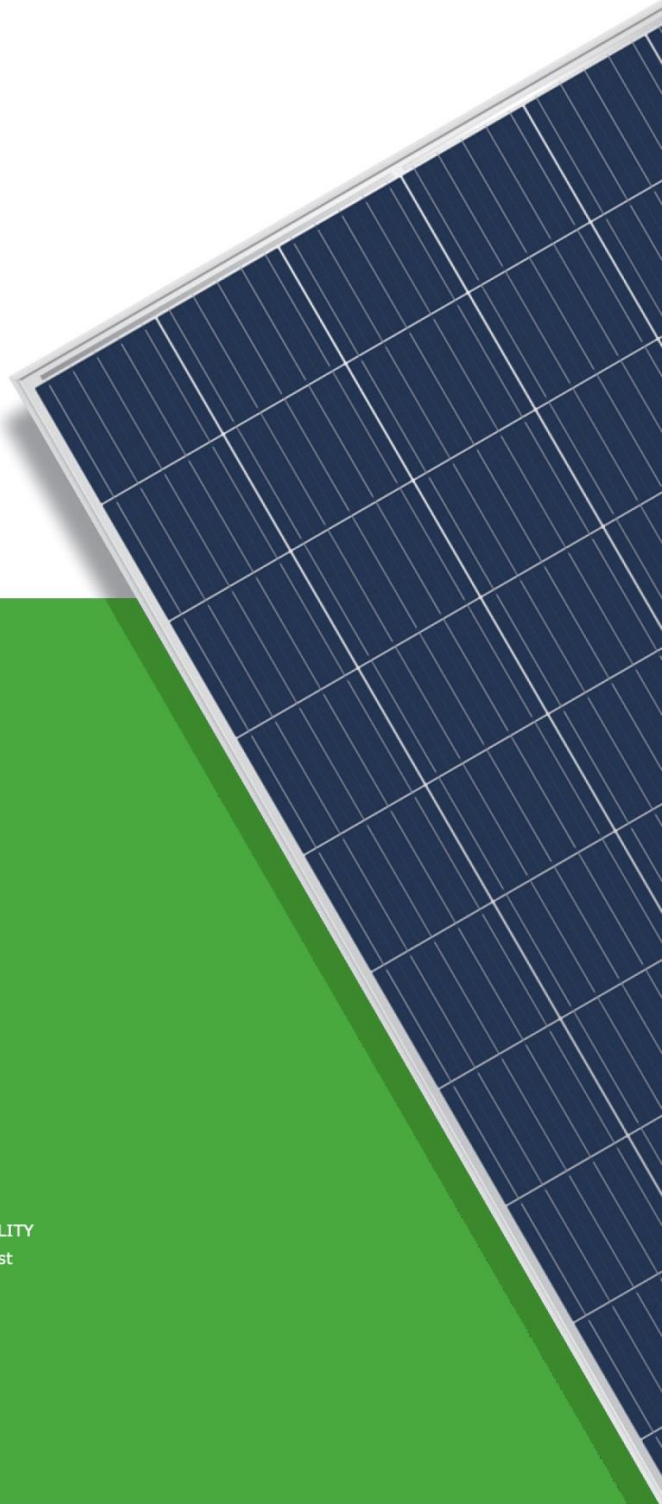


Normal SERIES

HG265~285P/Fa

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

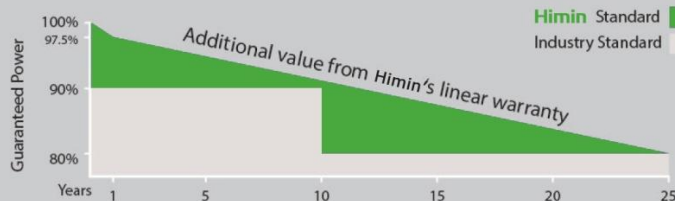
High salt mist and ammonia resistance certified by TUV



FIREPROOF CAPABILITY
TUV certified fire test

LINEAR PERFORMANCE WARRANTY

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



Mechanical Data

Cell Type	156.75x156.75mm Poly
Cell Orientation	60(6x10)
Module Dimensions	1640x992x35mm
Weight	18.5kg
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: 900 mm negative pole: 900 mm wire length can be customized
Connector	MC4 compatible connector

HG265~285P/Fa

Polycrystalline Silicon PV Modules

Electrical Data (STC)

Maximum Power (Pmax/W)	265	270	275	280	285
Voltage at Maximum Power (Vmp/V)	30.93	31.15	31.40	31.75	32.10
Current at Maximum Power (Imp/A)	8.57	8.67	8.76	8.82	8.88
Open Circuit Voltage (Voc/V)	37.98	38.19	38.55	38.91	39.27
Short Circuit Current (Isc/A)	9.10	9.17	9.23	9.30	9.37
Module Efficiency (%)	16.29	16.60	16.90	17.21	17.52

Electrical Data (NMOT)

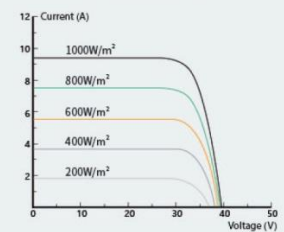
Maximum Power (Pmax/W)	195	200	203	207	211
Voltage at Maximum Power (Vmp/V)	29.00	29.37	29.52	29.79	30.06
Current at Maximum Power (Imp/A)	6.73	6.81	6.88	6.95	7.02
Open Circuit Voltage (Voc/V)	35.85	36.24	36.51	36.97	37.43
Short Circuit Current (Isc/A)	7.22	7.26	7.31	7.36	7.41

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

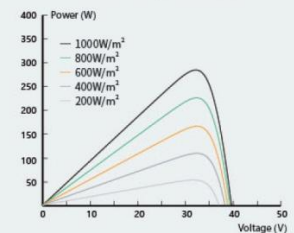
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.

I-V Curve

Current-Voltage Curve(285W)



Power-Voltage Curve(285W)



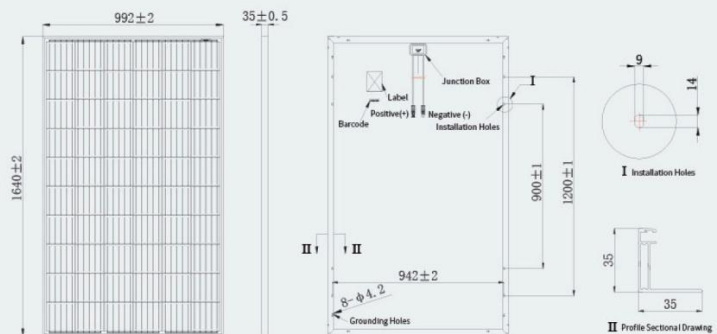
Temperature Coefficients

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:	31+31+4 pcs
Modules Per 40'HQ Container:	924 pcs



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