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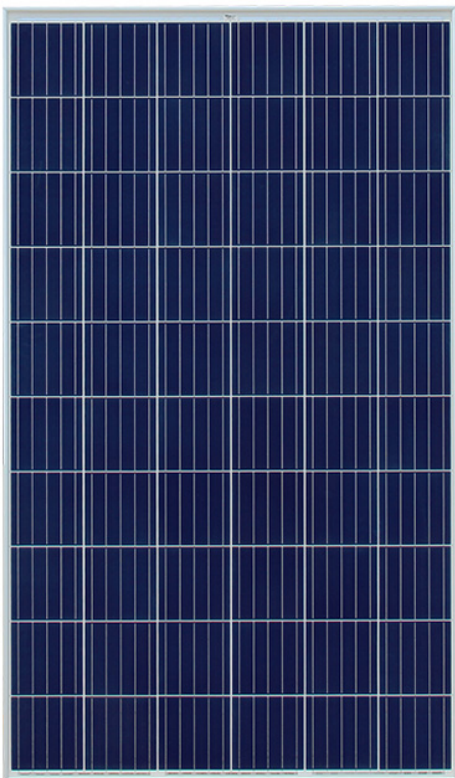
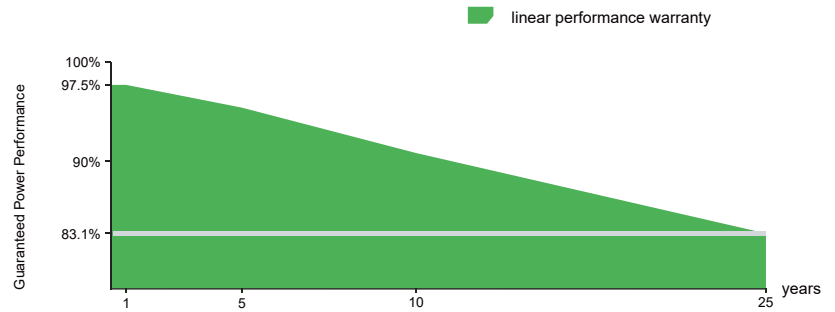
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Poly-crystalline Solar Panel

Maximum Power	285W
Power Tolerance	0~+3W
Maximum Efficiency	17.52%

Performance Warranty

10 Year Product Warranty • 25 Year Linear Power Warranty



KEY FEATURES



High efficiency

High module conversion efficiency (up to 17.52%) benefit from low resistance characteristic



High reliability

Ensured PID resistance through cell process and module material control

Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity areas

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



Excellent low light performance

Outstanding power output performance in the morning, evening, rainy days, etc.



Support 1500V system

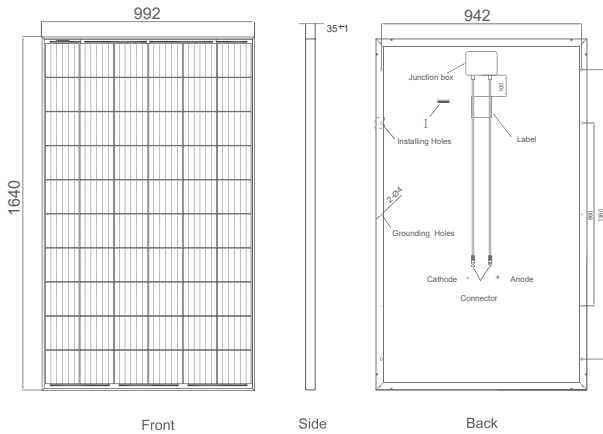
Increase the number of solar panels in the series circuit, so as to reduce the overall cost of the power station

Certificates: TUV, CQC, CE, IEC, ISO9001, ISO14001, OHSAS18001



Poly 60pcs 265-285W

Dimensions



Specifications (STC)

	265Wp	270Wp	275Wp	280Wp	285Wp
Maximum Power (Pmax)	265Wp	270Wp	275Wp	280Wp	285Wp
Maximum Power Voltage (Vmp)	31.1V	31.14V	31.18V	31.22V	31.26V
Maximum Power Current (Imp)	8.52A	8.67A	8.82A	8.97A	9.12A
Open-circuit Voltage (Voc)	37.82V	37.86V	37.88V	37.9V	37.94V
Short-circuit Current (Isc)	9.72A	9.1A	9.18A	9.34A	9.5A
Module Efficiency STC (%)	16.29%	16.6%	16.9%	17.21%	17.52%

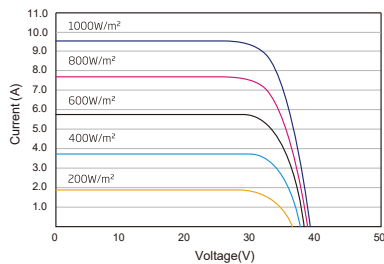
At standard test conditions (STC): Irradiance 1000W/m², Cell temperature 25°C, AM=1.5

Specifications (NOCT)

	265Wp	270Wp	275Wp	280Wp	285Wp
Maximum Power (Pmax)	196Wp	200Wp	204Wp	208Wp	212Wp
Maximum Power Voltage (Vmp)	29.3V	29.5V	29.8V	30.1V	30.4V
Maximum Power Current (Imp)	6.73A	6.79A	6.85A	6.91A	6.97A
Open-circuit Voltage (Voc)	34.7V	34.9V	35.1V	35.4V	35.7V
Short-circuit Current (Isc)	7.77A	7.84A	7.91A	7.98A	8.05A

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s, AM=1.5

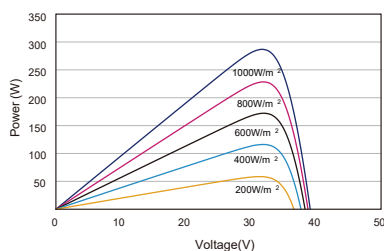
I-V Curve (285W)



Mechanical Data

Cell Type	Poly cell
Cell number	60 (6×10)
Weight	19.0 kg (41.9 lbs)
Dimensions	1650*1000*35 / 1640*992*35mm
Front Cover	3.2mm low iron tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm ² , (+) 290mm, (-) 145mm or Customized Length

P-V Curve (285W)



Packaging Configuration

(Two pallets = One stack)

30pcs/pallet, 60pcs/stack, 840pcs/40'HQ Container

Maximum Ratings

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1500VDC (IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0~+3W
Temperature Coefficients of Pmax	-0.37%/°C
Temperature Coefficients of Voc	-0.28%/°C
Temperature Coefficients of Isc	0.048%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C