



Green Solar

GS 72P

300 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.
IEC61215、IEC61730 certified products.

Company Profile

Founded in 2010, Green Solar is the world's leading comprehensive solutions provider for solar energy. We believe close cooperation with our partners is critical to success. Green Solar now distributes its PV products to over 26 countries all over the world. Green Solar is able to provide exceptional service to each customer in each market and supplement our innovative, reliable products with the backing of Green Solar as a strong, bankable partner. We are committed to building strategic, mutually beneficial collaboration with installers, developers, distributors and other partners. Green Solar has lots of product certificates like TUV, CE, GS, ROHS and others, and has passed manufactures quality management certificate like ISO9001. The company is committed to creating maximum value for its customers and partners. Its dedication to producing top quality, high performance products has been reflected in our world-successful stories, and the most extensive customer satisfaction.



Ningbo Green Solar Technology Co., Ltd

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KEY FEATURES



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Power Output:

Polycrystalline 72-cell module achieves a power output up to 335Wp.



PID RESISTANT:

Limited power degradation of our module caused by PID effect is guaranteed under strict testing condition (85°C/85%RH,96hours)for mass production.



Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Severe Weather Resilience:

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



Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

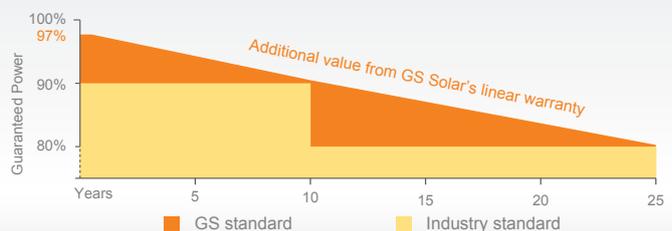


Temperature Coefficient:

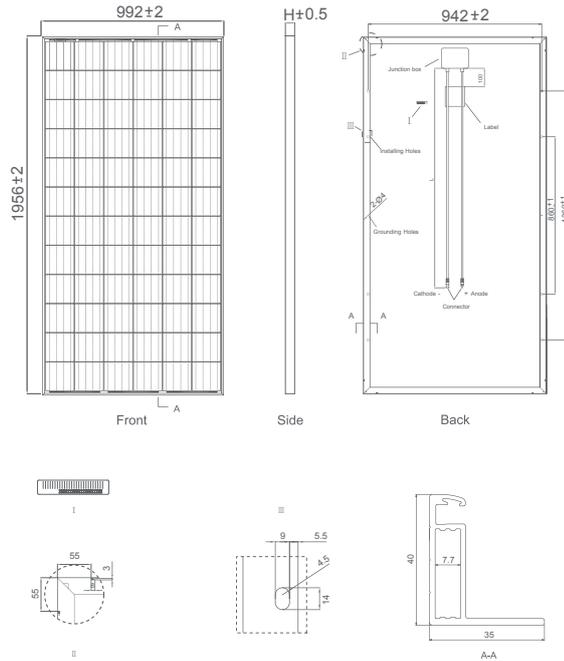
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

12 Years Product Warranty · 25 Years Linear Power Warranty



Engineering Drawings

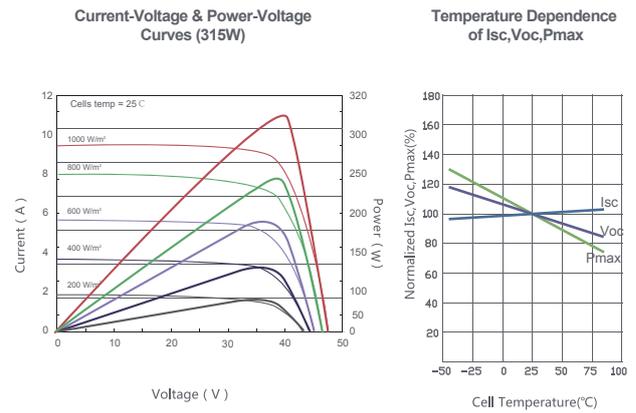


Packaging Configuration

(Two boxes=One pallet)

26pcs/box, 52pcs/pallet, 624 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No.of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.05×1.57 inch)
Weight	26.5 kg (58.4 lbs.)
Front Glass	4.0mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm², Length: 900mm or Customized Length

SPECIFICATIONS

Module Type	GS-300P6
	STC
Maximum Power (Pmax)	300Wp
Maximum Power Voltage (Vmp)	37.2V
Maximum Power Current (Imp)	8.065A
Open-circuit Voltage (Voc)	44.71V
Short-circuit Current (Isc)	9.067A
Module Efficiency STC (%)	15.46%
Operating Temperature(°C)	-40°C~+85°C
Maximum system voltage	1000VDC (IEC)
Maximum series fuse rating	15A
Power tolerance	0~+3%
Temperature coefficients of Pmax	-0.40%/°C
Temperature coefficients of Voc	-0.30%/°C
Temperature coefficients of Isc	0.06%/°C
Nominal operating cell temperature (NOCT)	45±2°C

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: ± 3%

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