

Nelson 72P 325 Watt POLY-CRYSTALLINE MODULE

Positive power tolerance of 0~+5W

ISO9001:2008, ISO14001:2004

certified factory.

IEC61215, IEC61730 certified products.

(5BB)



KEY FEATURES



High Power Output:

With up to 325 Wp and 19.00 % efficiency, highest performing module of its kind on the market.



Low-light Performance:

Excellent performance in low-light environments.



Severe Weather Resilience:

Extremely weather resistant due to approval for increased snow and wind loads: 5400 Pa snow load, 2400 Pa wind load.

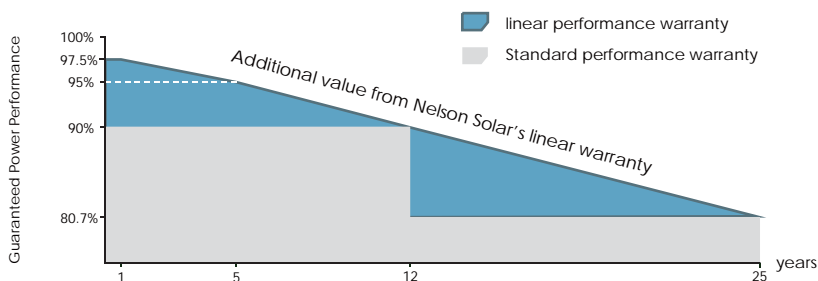


5 Busbar Solar Cell:

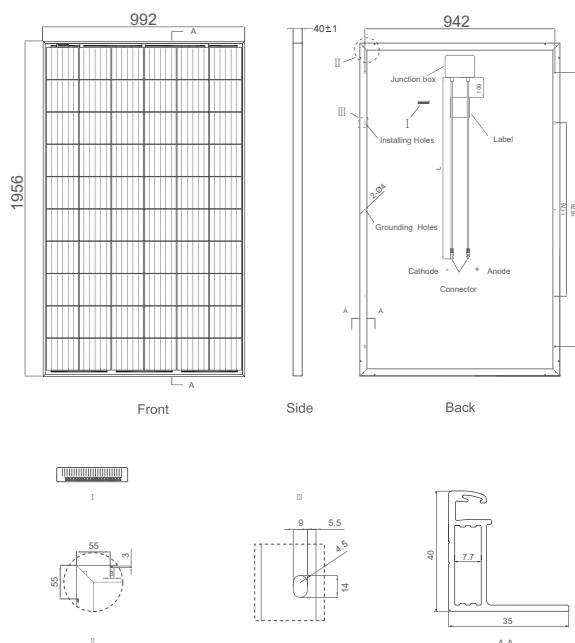
No power loss thanks to improved temperature co-efficient caused by 5 busbar solar cell.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



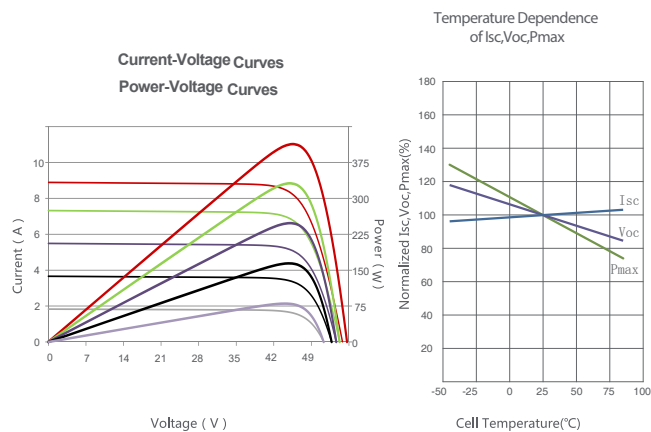
Engineering Drawings



Packaging Configuration

840 pcs/40'HQ Container; 960 pcs/45'HQ

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×40mm (77.00×39.05×1.57 inch)
Weight	22.0 kg (48.7 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm ² , Length: 900mm or Customized Length

SPECIFICATIONS

Module Type	NS-72-325P
	STC NOCT
Maximum Power (Pmax)	325Wp 235Wp
Maximum Power Voltage (Vmp)	37.6V 34.0V
Maximum Power Current (Imp)	8.66A 6.91A
Open-circuit Voltage (Voc)	46.7V 42.1V
Short-circuit Current (Isc)	9.10A 7.49A
Efficiency STC (%)	19.00%
Operating Temperature(°C)	-40°C~+85°C
Maximum system voltage	1000VDC (IEC)
Maximum series fuse rating	15A
Power tolerance	0~+5W
Temperature coefficients of Pmax	-0.41%/°C
Temperature coefficients of Voc	-0.31%/°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%