

Solar And Renewable Power System



Solar Power

350 W - 360 W

Mono-Crystalline Photovoltaic Module



Positive power tolerance
0~+4.99 watt



Withstand strong front load 5400 Pa / rear load 2400 Pa



100% EL inline inspection
Better module reliability



Ammonia resistance



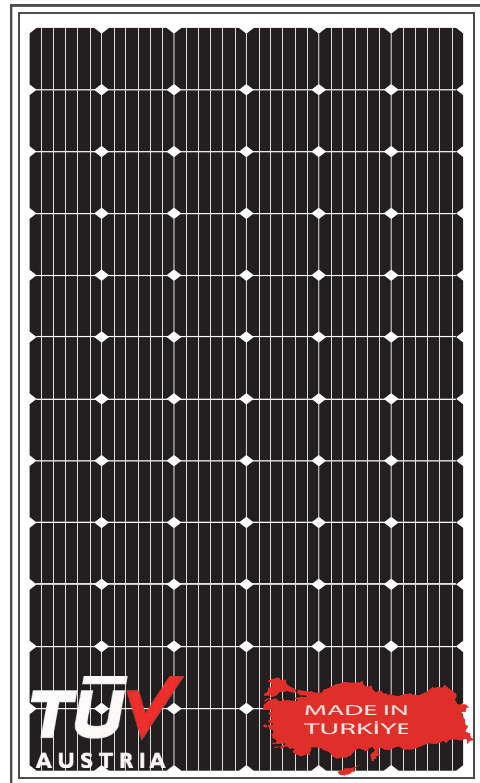
25 years power output warranty



Snail trail resistance



Design for 1500 VDC system voltage
Reduce the system BOS effectively



Harsh environment PV system installation



Excellent PID Performance

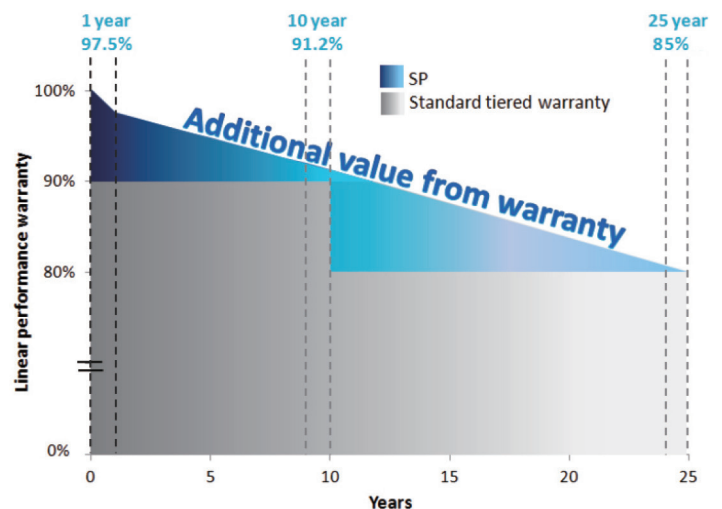
Reliability & Certification

Product Guarantee: 10-year

Linear Performance Warranty

- 1-year : 97% power output then
power degradation 0.5% per year
till 25th year

- 25-year : 85%



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Electrical Data

MODEL	SP-350M72	SP-355M72
Maximum Rating Power (Pmax)	350 W	355 W
Module Efficiency	17.55%	17.80%
Open Circuit Voltage (Voc)	47.06 V	47.16 V
Maximum Power Voltage (Vmpp)	38.13 V	38.26 V
Short Circuit Current (Isc)	9.76 A	9.82 A
Maximum Power Current (Imp)	9.18 A	9.28 A

MODEL	SP-360M72
Maximum Rating Power (Pmax)	360 W
Module Efficiency	18.05%
Open Circuit Voltage (Voc)	47.26 V
Maximum Power Voltage (Vmpp)	38.43 V
Short Circuit Current (Isc)	9.91 A
Maximum Power Current (Imp)	9.37 A

* Standard Test Conditions (STC): Cell Temperature 25°C, Irradiance 1000 W/m², AM 1.5G

* Values without tolerance are typical numbers

* Specifications are subject to change without notice

Mechanical Data

Item	Specification
Dimensions	1956 mm (L) ¹ x 992 mm (W) ¹ x 40 mm (D) ¹ / 77.0" (L) x 39.1" (W) ¹ x 1.575" (D)
Weight	23 kg / 39.1 lbs
Solar Cell	72 monocrystalline 6" p-PERC bifacial solar cells
Front Glass	Anti-reflective tempered patterned glass, 3.2 mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Rear Glass	Tempered patterned glass, 3.2 mm
Junction Box	IP 68 rated; Cable: 1,200 mm
Packaging Configuration	30 pcs per pallet, 660 pcs per 40' HQ container

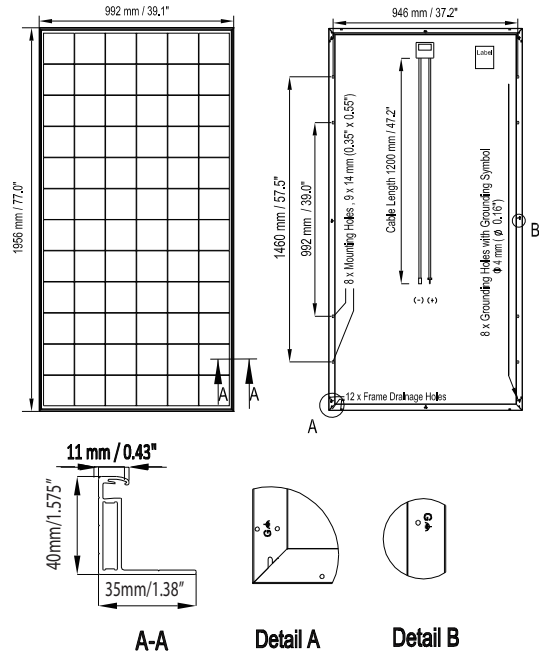
¹ : With assembly tolerance of ± 2 mm [± 0.08"]

Operating Conditions

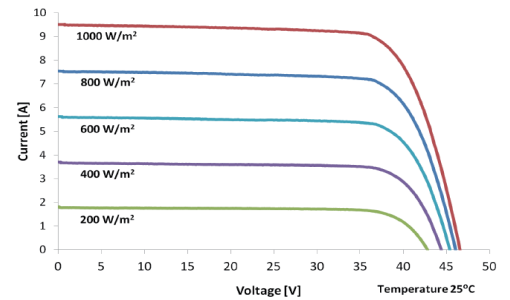
Item	Specification
Maximum Front Loading	5400 Pa
Maximum System Voltage	1500 VDC
Series Fuse Rating	15A
Operating Temperature	-40 to 85°C

Certificates

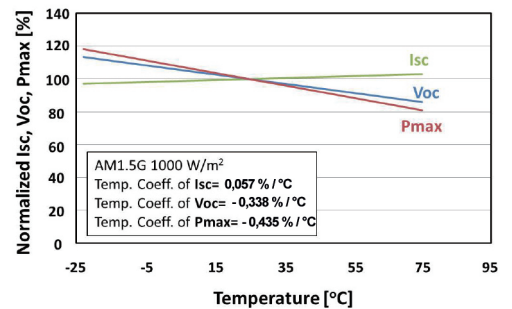
TUV Austria Certification, CE, ISO 9001:2015, ISO 14001: 2015, OHSAS 18001, FPC Factory Process Control certificate



Dependence on Irradiance



Dependence on Temperature



Irradiance 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s

* Please refer to NSP's Standard Module Installation Manual before using the product

NOCT 44°C

Contact Us

Factory

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