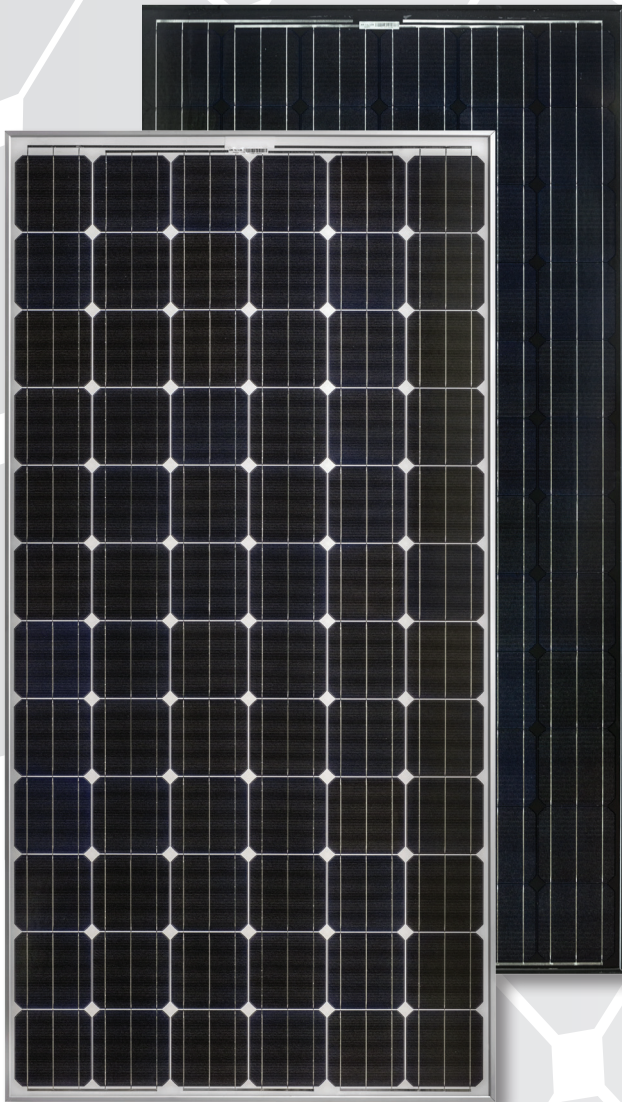


# X-STRONG Monocrystalline

## 340 - 360 Wp



*Made in Italy*



0/+5 Wp

*Positive Tolerance*



*AR Coating Glass*



*Class 1 Resistance to fire*



*High resistance to snow/wind loads*



*Product warranty*



*Linear performance warranty*

The photovoltaic modules X-STRONG is one of a wide range of products made by Sunerg and It is manufactured according to IEC 61215, IEC 61730 standard and CE. Know for their reliability and quality and they are characterized by cells to 4 busbars and built according to the new high efficiency PERC technology and are designed and manufactured in Italy. Each individual module of Sunerg undergoes a triple quality control and electroluminescence tests.

### CORRESPOND TO

IEC 61215-ed2 | EN 61730-1 | EN 61730-2 | UNI 9177 Class 1 Reaction Fire | PV CYCLE | CE |

UNI EN ISO 9001:2008	Quality management system
UNI EN ISO 14001:2004	Standards for environmental management system
UNI EN BS OHSAS 18001:2007	International standards for occupational health and safety

ELECTRICAL DATA (STC)		XM72340I+ (IB+)	XM72345I+ (IB+)	XM72350I+ (IB+)	XM72355I+ (IB+)	XM72360I+ (IB+)
Open circuit voltage	(Voc)	46.58 V	47.01 V	47.23 V	47.44 V	47.66 V
Voltage at Pmax	(Vmp)	38.60 V	39.02 V	39.45 V	39.67 V	39.88 V
Short-circuit current	(Isc)	9.42 A	9.45 A	9.49 A	9.55 A	9.61 A
Current at Pmax	(Imp)	8.81 A	8.85 A	8.88 A	8.97 A	9.05 A
Peak Power (Pmax) Tolerance -0/+5 Wp*		340 Wp	345 Wp	350 Wp	355 Wp	360 Wp
Module Efficiency		17.38%	17.64%	17.90%	18.15%	18.41%
Maximum voltage		1000 V DC	1000 V DC	1000 V DC	1000 V DC	1000 V DC
Maximum series fuse rating		16 A	16 A	16 A	16 A	16 A
Operating Temperature		-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement 3%

**\* STC** (Standard test conditions)

Irradiance 1000 w/m<sup>2</sup>, module temperature 25°C, AM= 1.5  
 \*STC: Energy output must be measured in a light spectrum range between 300 nm and 1200nm

**TEMPERATURE COEFFICIENT**

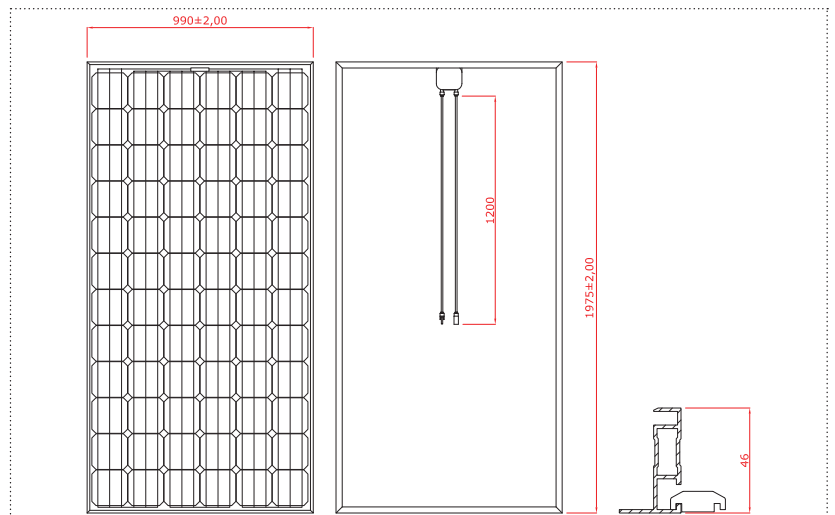
NOCT	46±2 °C
Pmax Temperature coefficient	-0.3910%/K
Voc Temperature coefficient	-0.3055%/K
Isc Temperature coefficient	0.0455%/K

**MECHANICAL CHARACTERISTIC**

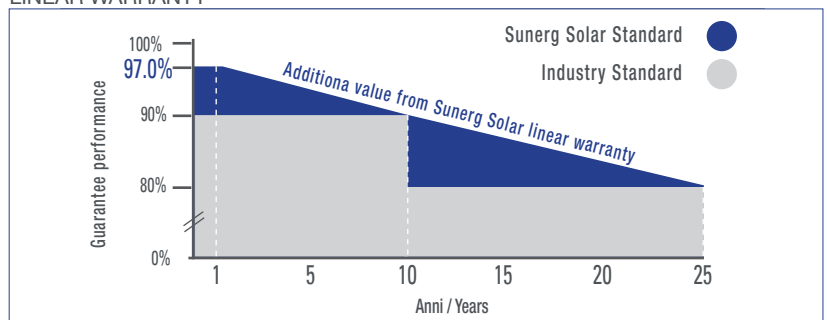
Hail test	25 mm - 23 m/s
Max load long side	5400 Pa
Number of cells	72 (156 mm x 156 mm) Tipo: Mono
Weight	27 Kg

**GENERAL INFORMATION**

Front glass	Temperated AR Coated glass, 4 mm
Frame	Anodized aluminum alloy (Ral 9005 black coating for IB+ series)
Junction box	IP67 rating, 3 bypass diodes
Output cables	Cable E317230-C PV, connectors PV4



**LINEAR WARRANTY**



Look Warranty terms

Sunerg srl We reserve the right to make changes to product specifications without notice. The technical data of the module, even though they are entered with extreme care, may contain errors or inaccuracies not attributable to Sunerg Solar S.r.l