



X-MAX Monocrystalline

295 - 300 - 305 - 310 - 315 Wp



Mono PERC cells



Made in Italy



Black frame & White backsheet



Positive tolerance



Ammonia resistance



Salt mist corrosion resistance



High resistance to snow/wind loads



AR Coating glass



Product warranty



Linear warranty

The photovoltaic modules X-STYLE PLUS 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 | PV CYCLE | CE |

UNI EN ISO 9001:2008
 UNI EN ISO 14001:2004
 UNI EN BS OHSAS 18001:2007

| Quality management system
 | Standards for environmental management system
 | International standards for occupational health and safety



ELECTRICAL DATA (STC)		XM460295IBW+35	XM460300IBW+35	XM460305IBW+35	XM460310IBW+35	XM460315IBW+35
Open circuit voltage	(Voc)	39.12 V	39.36 V	39.60 V	39.78 V	39.96 V
Voltage at Pmax	(Vmp)	32.85 V	33.18 V	33.54 V	33.84 V	34.07 V
Short-circuit current	(Isc)	9.53 A	9.59 A	9.64 A	9.68 A	9.73 A
Current at Pmax	(Imp)	9.00 A	9.06 A	9.12 A	9.17 A	9.25 A
Peak Power (Pmax) Tolerance -0/+5Wp*		295 Wp	300 Wp	305 Wp	310 Wp	315Wp
Module Efficiency		18.11%	18.42%	18.72%	19.03%	19.34%
Maximum voltage		1000 V DC	1000 V DC	1000 V DC	1000 V DC	1000 V DC
Maximum series fuse rating		15A	15A	15A	15A	15A
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)

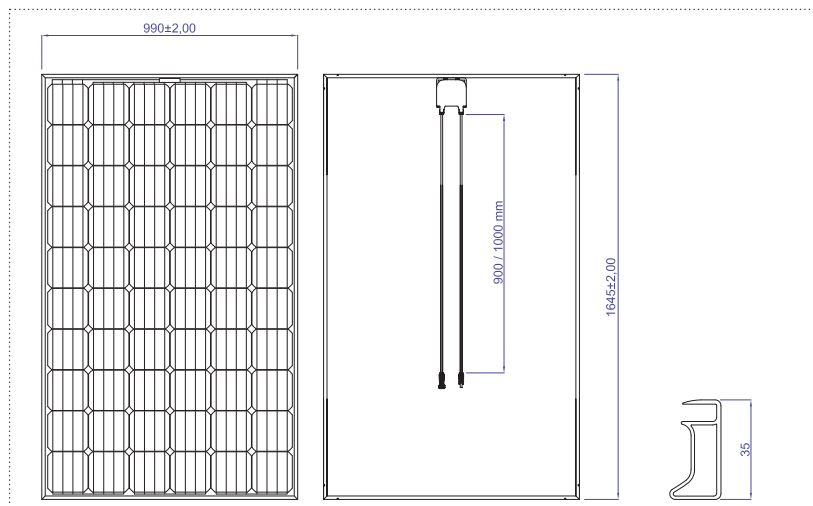
Irradiance 1000 w/m², module temperature 25°C, AM= 1.5

TEMPERATURE COEFFICIENT

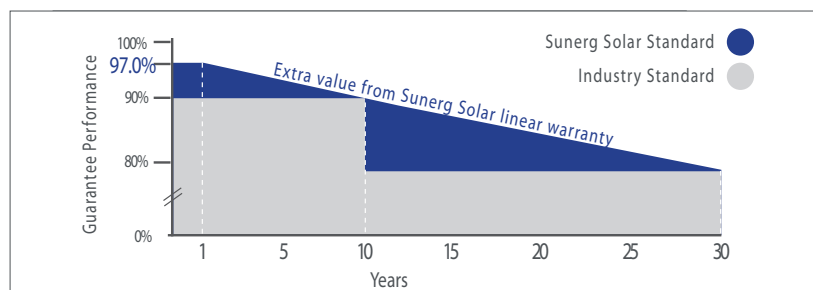
NOCT	46±2 °C
Pmax Temperature coefficient	-0.40%/ °C
Voc Temperature coefficient	-0.31%/ °C
Isc Temperature coefficient	0.04% / °C

MECHANICAL CHARACTERISTIC

Hail test	25 mm - 23 m/s
Max load long side	5920 Pa
Number of cells	60 (156.75 mm x 156.75 mm) Tipo: Mono
Weight	17.9 Kg



LINEAR WARRANTY



- look warranty terms -

GENERAL INFORMATION

Front glass	Tempered AR Coated glass, 3.2 mm
Frame	Anodized aluminum Ral 9005 black coated
Junction box	IP67 rating, 3 bypass diodes
Output cables	Cable E317230-C PV, connectors PV4

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