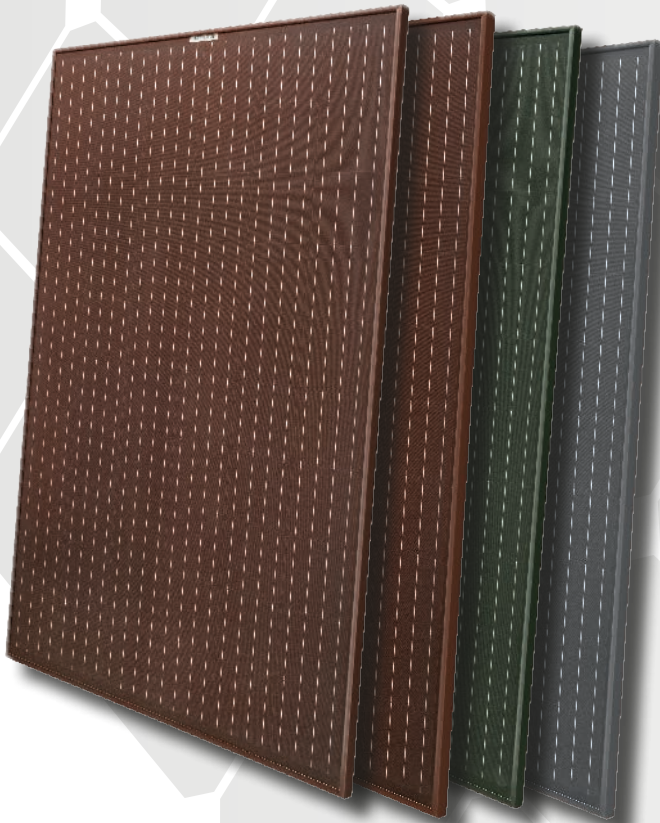


SOLAR ENERGY

X-COLOR XL Monocrystalline

290 - 300 Wp



New cells FULL SQUARE



Made in Italy



Fire reaction Class 1



Colored Glass



High resistance to snow/wind loads



Product warranty



Linear performance warranty

The photovoltaic modules X-COLOR is one of a wide range of products and It is manufactured according to IEC 61215, IEC 61730 standard and CE. It has designed colored modules respecting the environment in the pursuit of a more complete protection of the architectural asset in relation to the environmental framework in which it is inserted.

CONFORME A

IEC 61215 | IEC 61730 | UNI 9177 | PV CYCLE | CE |

UNI EN ISO 9001:2015	Quality management system
UNI EN ISO 14001:2015	Standards for environmental management system
UNI EN ISO 45001:2018	International standards for occupational health and safety

ELECTRICAL DATA (STC)

XM460290I+35

XM460300I+35

Open circuit voltage	(Voc)	38.76 V	38.92 V
Voltage at Pmax	(Vmp)	33.18 V	33.30 V
Short-circuit current	(Isc)	9.34 A	9.36 A
Current at Pmax	(Imp)	8.75 A	9.01 A
Peak Power (Pmax) Tolerance -0/+5 Wp*		290 Wp	300 Wp
Module Efficiency		17.38%	17.98%
Maximum voltage		1000 V DC	1000 V DC
Maximum series fuse rating		16 A	16 A
Operating Temperature		-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement 3%

*** STC** (Standard test conditions)

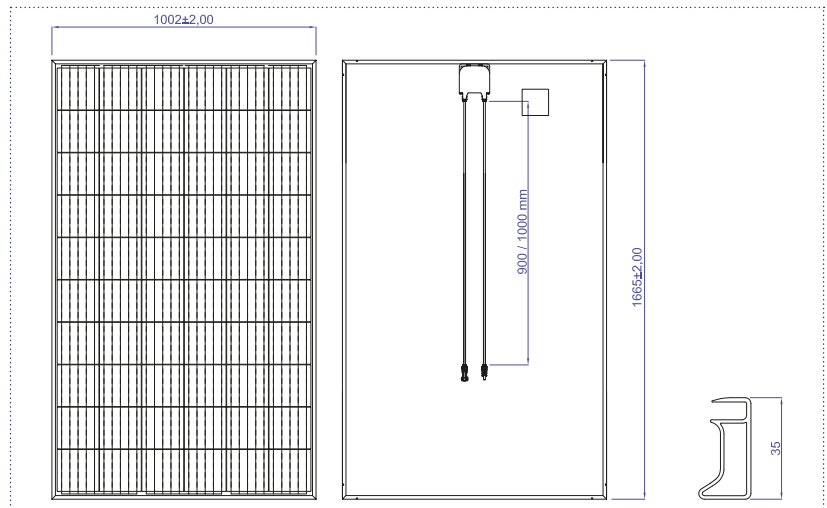
radiance 1000 w/m2, module temperature 25°C, AM= 1.5

TEMPERATURE COEFFICIENT

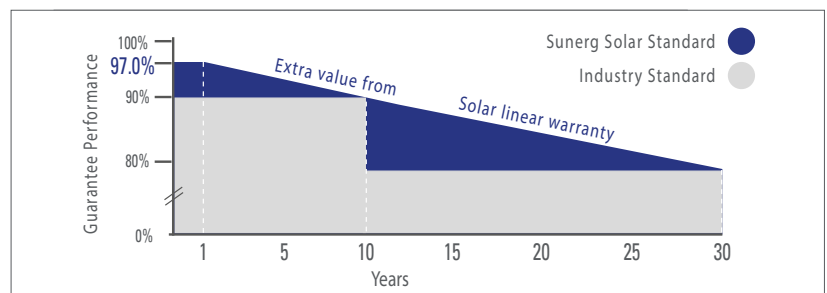
NOCT	46±2 °C
Pmax Temperature coefficient	-0.38%/ °C
Voc Temperature coefficient	-0.36%/ °C
Isc Temperature coefficient	0.07% / °C

MECHANICAL CHARACTERISTIC

Hail test	25 mm - 23 m/s
Max load long side	5920 Pa
Number of cells	60 (158.75 mm x 158.75 mm) Tipo: Mono PERC
Weight	18.6 Kg



LINEAR WARRANTY



- look warranty terms -

GENERAL INFORMATION

Front glass	Colored glass, 4 mm (simil RAL 8015-8016-6007-7031)
Frame	Anodized aluminum alloy (coating by glass color)
Junction box	IP67 rating, 3 bypass diodes
Output cables	Cable E317230-C PV, connectors PV4