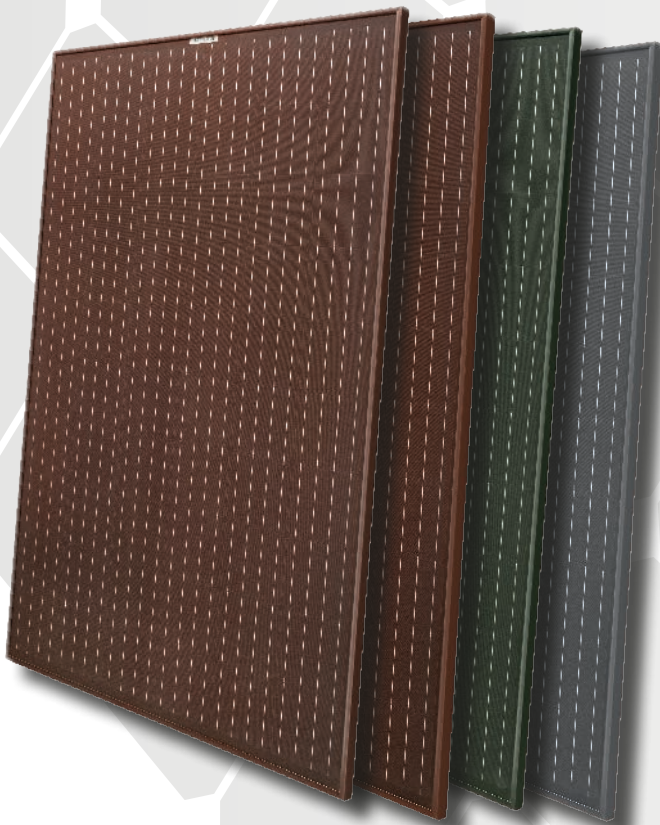


X-COLOR XL Monocrystalline

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 made by Sunerg and It is manufactured according to IEC 61215, IEC 61730 standard and CE. Sunerg 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

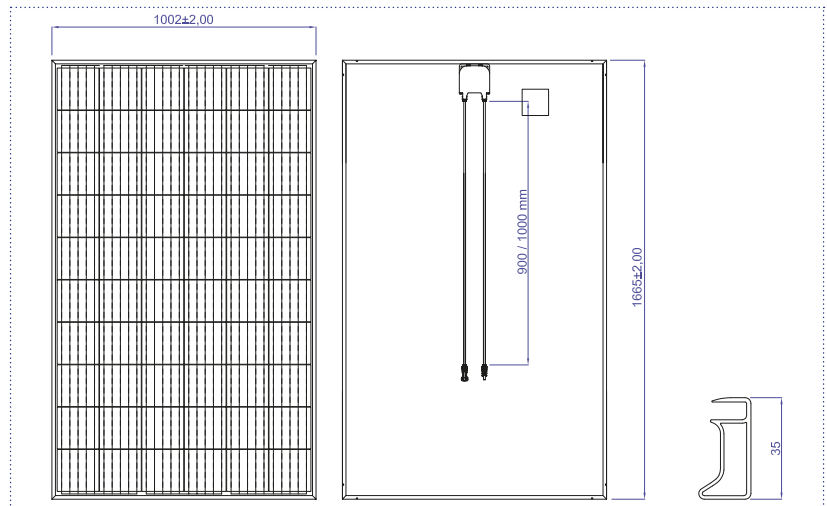
NOCT	46±2 °C
Pmax Temperature coefficient	-0.38%/ °C
Voc Temperature coefficient	-0.36%/ °C
Isc Temperature coefficient	0.07% / °C

MECHANICAL CHARACTERISTIC

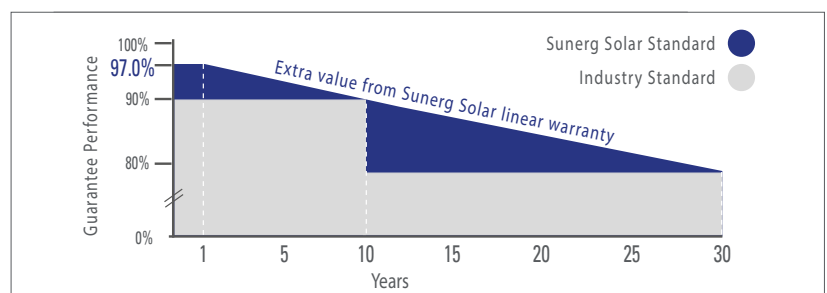
Hail test	25 mm - 23 m/s
Max load long side	5920 Pa
Number of cells	60 (158.75 mm x 158.75 mm) Tipo: Mono PERC
Weight	18.6 Kg

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



LINEAR WARRANTY



- look warranty terms -