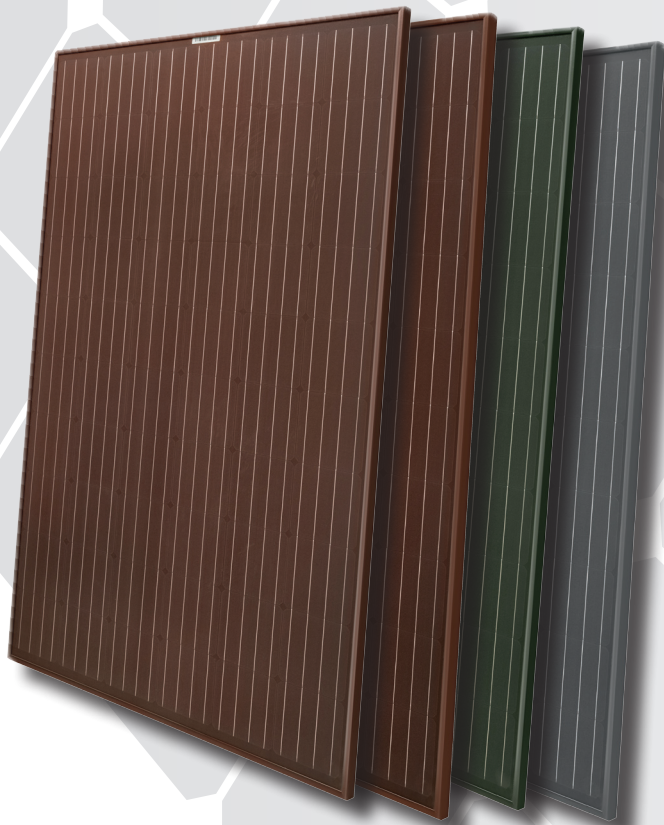


X-COLOR Monocrystalline

270 - 275 - 280 Wp



Mono PERC cells



Made in Italy



0/+5 Wp
Positive Tolerance



Colored Glass



High resistance to snow/wind loads



12 YEARS
Product warranty



25 YEARS
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.

CORRESPOND TO

IEC 61215-ed2 | EN 61730-1 | EN 61730-2 | 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)

XM460270I+35

XM460275I+35

XM460280I+35

Open circuit voltage	(Voc)	39.09 V	39.17 V	39.23 V
Voltage at Pmax	(Vmp)	33.31 V	33.38 V	33.70 V
Short-circuit current	(Isc)	9.34 A	9.36 A	9.41 A
Current at Pmax	(Imp)	8.22 A	8.24 A	8.34 A
Peak Power (Pmax) Tolerance -0/+5 Wp*		270 Wp	275 Wp	280 Wp
Module Efficiency		16.58%	16.88%	17.19%
Maximum voltage		1000V DC	1000V DC	1000V DC
Maximum series fuse rating		16 A	16 A	16 A
Operating Temperature		-40°C - +85°C	-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement 3%

*STC (Standard test conditions)

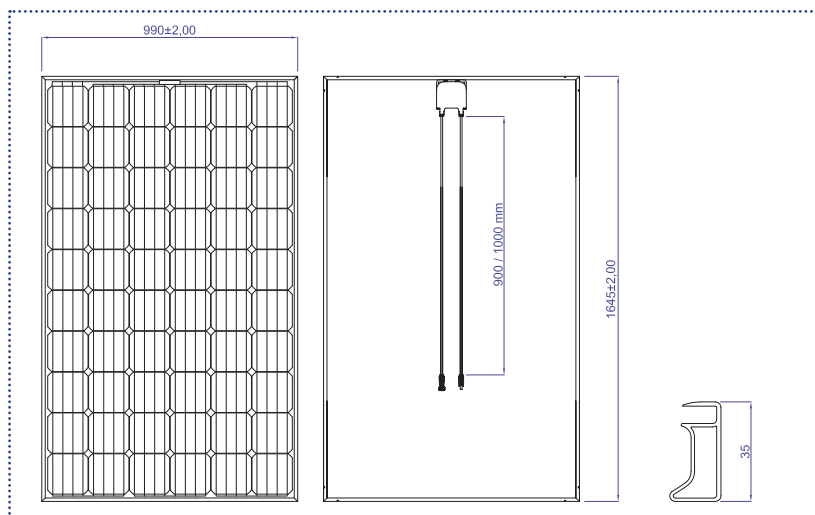
Irradiance 1000 w/m2, module temperature 25°C, AM= 1.5

TEMPERATURE COEFFICIENT

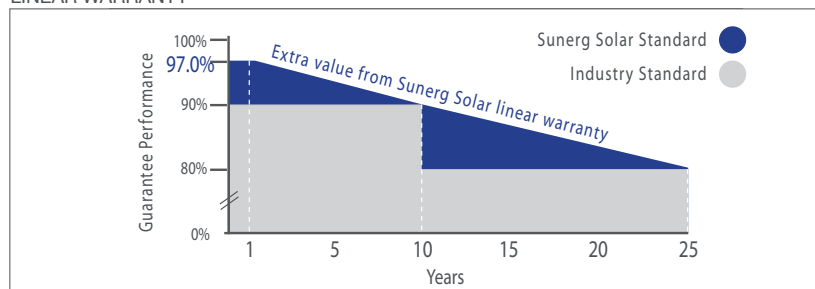
NOCT	46±2 °C
Pmax Temperature coefficient	-0.43%/ °C
Voc Temperature coefficient	-0.32%/ °C
Isc Temperature coefficient	0.02% / °C

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 Colored AR Coated glass, 3.2 mm (simil RAL 8015 per IMC+35, simil RAL 8016 per IMM+35, simil RAL 6007 per IVB+35, simil RAL 7021 per IGN+35)
Frame	Anodized aluminum alloy (coating by glass color)
Junction box	IP67 rating, 3 bypass diodes
Output cables	Cable E317230-C PV, connectors PV4

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