EN

X-PRO PERFORMANCE Polycrystalline

250 - 255 - 260 - 265 - 270 Wp

4 Busbar Cells

Made in Italy

Plus only Tollerance

Product Warranty

X-PRO PERFORMANCE is one of a wide range of products made by Sunerg. It is manufactured according to IEC 61215, IEC 61730 standard and CE.

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)

		XP460250I+35 (PP)	XP460255I+35 (PP)	XP460260I+35 (PP)	XP460265I+35 (PP)	XP460270I+35 (PP)
Open circuit Voltage	(Voc)	37.50 V	37.80 V	38.16 V	38.40 V	38.64 V
Voltage a Pmax.	(Vmp)	31.62 V	31.92 V	32.34 V	32.58 V	32.88 V
Short-circuit current	(Isc)	8.47 A	8.52 A	8.58 A	8.64 A	8.67 A
Current at Pmax.	(Imp)	7.95 A	8.01 A	8.09 A	8.16 A	8.21 A
Peak Power (Pmax) Tollerance 0/+5 Wp		250 Wp	255 Wp	260 Wp	265 Wp	270 Wp
Module Efficiency		15.35%	15.65%	15.96%	16.27%	16.57 %
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)

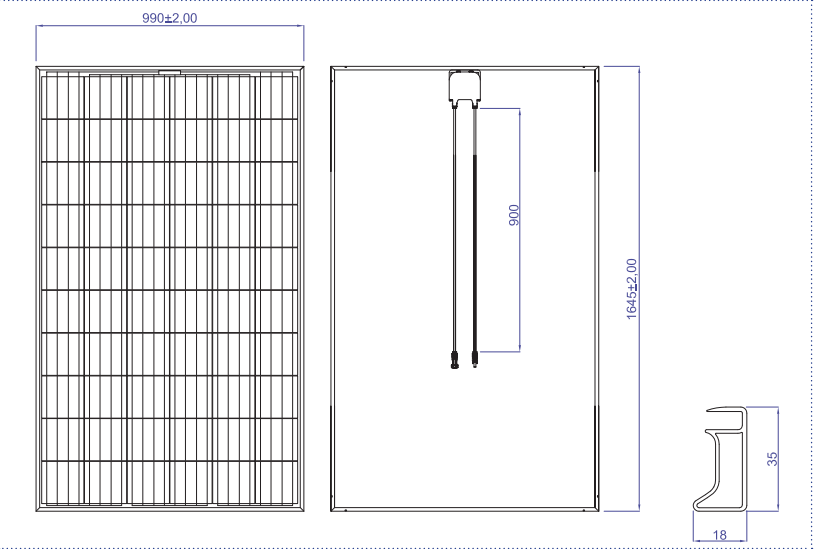
Irradiance 1000 w/m^2, module temperature 25°C, AM= 1.5

TEMPERATURE COEFFICIENT

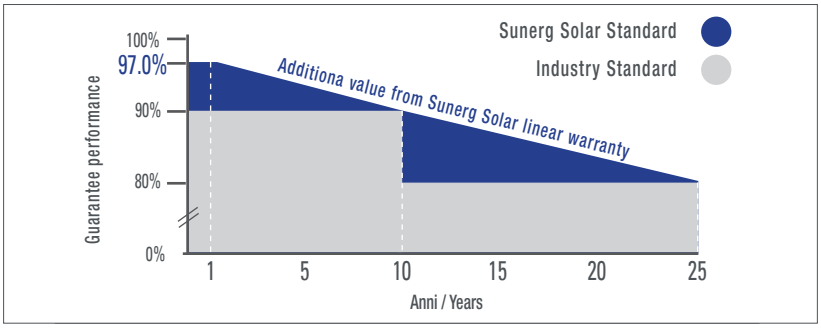
NOCT	46±2 °C
Pmax Temperature Coefficient	-0.38%/ °C
Voc Temperature Coefficient	-0.33%/ °C
Isc Temperature Coefficient	0.05% / °C

MECHANICAL CHARACTERISTIC

Hail Test	25 mm - 23 m/s
Max. load Surface	5920 Pa
Number of cells	60 (156 mm x 156mm) Type: Poly
Weight	17.9 Kg



LINEAR WARRANTY



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GENERAL INFORMATION

Front Glass	ARC coated Tempered glass , 3.2 mm thickness
Frame	Anodized Aluminum alloy (RAL 9005 coated for IB+35 black version)
Junction Box	IP67, 115 x 110 x 22.5 (mm), 3 bypass diodes
Output Cable	Cable E317230-C PV wire 4mm^2, PV4 connectors (approved MC4 compatibility)

PRO PERFORMANCE *modules have the same efficiency of X-STYLE series but can show some small visual differences in solar cells.*

The technical details of the form, although included with the utmost care, may contain errors or inaccuracies not attributable to Sunerg Solar S.r.l. Sunerg Solar S.r.l. reserves the right to make changes to the technical data of the product without prior notice.