



X-CLASSIC SUN-PLUS

Polycrystalline

270 - 275 - 280 - 285 Wp



Poly Cells

0/+5%



Only positive tolerance 0/+5%



High Mechanical Load Capability



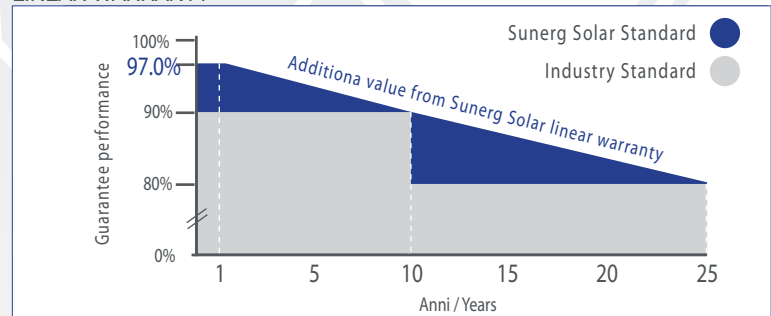
Product warranty



Linear warranty

X-CLASSIC SUN-PLUS is one of a wide range of products made by SUNERG. It is manufactured according to IEC 61215, IEC 61730 and CE standards.

LINEAR WARRANTY



Look Warranty terms

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)

		XP460-270 C+ version	XP460-275 C+ version	XP460-280 C+ version	XP460-285 C+ version
Open circuit Voltage	(Voc)	38.30 V	38.40 V	38.50 V	38.60 V
Voltage a Pmax.	(Vmp)	31.20 V	31.30 V	31.40 V	31.60 V
Short-circuit current	(Isc)	9.19 A	9.27 A	9.36 A	9.49 A
Current at Pmax.	(Imp)	8.67 A	8.79 A	8.91 A	9.02 A
Peak Power (Pmax) Tolerance 0/+5%		270 Wp	275 Wp	280 Wp	285 Wp
Module Efficiency		16.63%	16.94%	17.25%	17.55%
Maximum voltage		1000 VDC	1000 VDC	1000 VDC	1000 VDC
Maximum series fuse rating		20A	20A	20A	20A
Operating Temperature		-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

Pmax Temperature Coefficient	-0.408%/K
Voc Temperature Coefficient	-0.292%/K
Isc Temperature Coefficient	0.045%/K
Nominal Operating Cell Temperature (NOCT)	45±2°C

MECHANICAL CHARACTERISTIC

Number of cells	60 Type: Poly
Weight	18.3 Kg

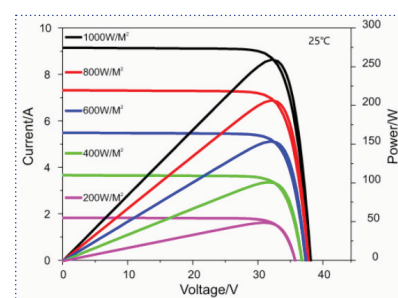
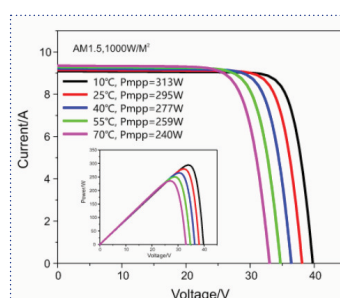
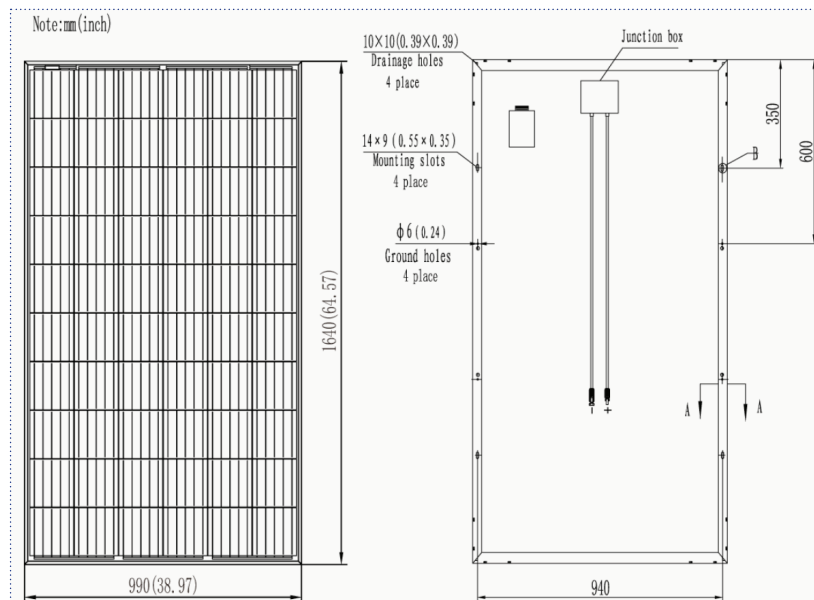
PACKING SPECIFICATIONS

Box dimensions (mm)	1680x1110x1120
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Container 20'	360
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Container 40'	840
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Container 40'HC	910
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GENERAL INFORMATIONS

Maximum surface load	5400 Pa
Glass	3.2 mm thickness
Frame	Silver Anodized Aluminum alloy
Output Cable	Cable 1x4mm ² , 900 mm
Junction box - Connectors	IP67 - MC4 / MC4 Compatible

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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.