

PRELIMINARY PRELIMINARY

MADE IN ITALY PRODUCTION SINCE 1978

X-MAX XL HJT COLOR

Monocrystalline High Efficiency Heterojunction Solar Cells

340/350Wp

Power

HJT

Innovation in technology

19.17%

Efficiency

-0.260%/°C

Temperature coefficient

25years

Product Guarantee

30years

Made in Italy



Made in Italy



X-MAX XL HJT COLOR is part of a wide range of SUNERG products. Manufactured according to IEC 61215 standards, IEC 61730 and CE. The innovative SOLAR CELL technology MICROWIRE consists of copper wires supported by a polymer sheet. The cables are covered with a thin low melting point alloy layer that melts during the module lamination process and builds a contact of welding to cellular metallization.

CORRESPOND TO
IEC 61215 | IEC 61730 | PV CYCLE | CE
UNI EN ISO 9001:2008
UNI EN ISO 14001:2004
UNI EN ISO 45001:2018

ELECTRICAL DATA (stc)		XMLJ460340+H	XMLJ460345+H	XMLJ460350+H
Open Circuit Voltage	(Voc)	43.95 V	44.03 V	44.28 V
Tension at Pmax	(Vmp)	37.53 V	37.62 V	37.72 V
Short circuit current	(Isc)	9.72 A	9.77 A	10.09 A
Current at Pmax	(Imp)	9.06 A	9.18 A	9.28 A
Maximum Power Tolerance(Pmax)		340 Wp	345 Wp	350 Wp
Module Efficiency		18.63 %	18.90 %	19.17 %
Maximum Voltage I Maximum Voltage		1000 V DC	1000 V DC	1000 V DC
Maximum Series Fuse Rating		20A	20A	20A
Operating temperature		-40°C - +85°C	-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement ±3%

*STC (Standard Test Conditions)

Radiation 1000 w/m², modulus temperature 25°C, AM= 1.5

TEMPERATURE COEFFICIENT

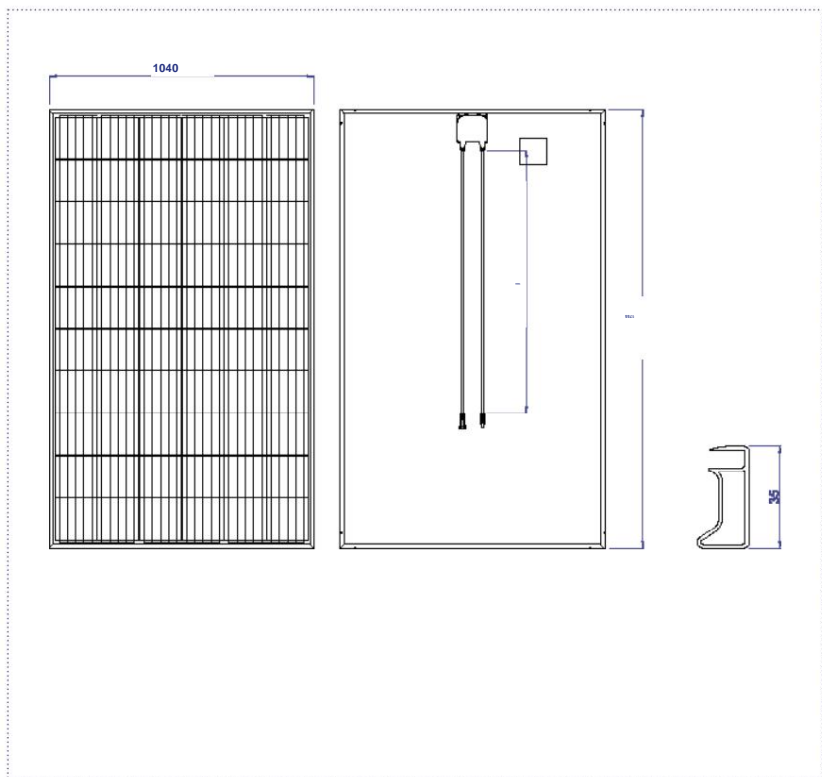
Pmax Temperature Coefficient	-0.26%/ °C
Temperature coefficient Voc	-0.24%/ °C
Temperature coefficient Isc	0.04% / °C

MECHANICAL CHARACTERISTICS

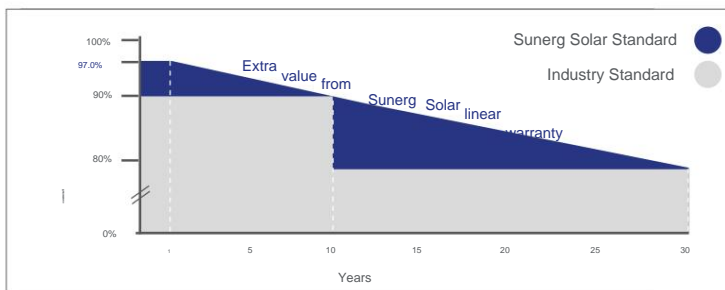
Dimensions (mm)	1755 x 1040 x 35
Weight (kg)	19.70
Type of solar cells	HJT Mono 166 mm
Number of cells	60

GENERAL INFORMATION

Glass	3.2 mm, High transmission, tempered glass
Marco I Quadro	Aluminium alloy anodized
Connections Box I junction box	IP67
Output cables	conectores 4.0mm ² , 1000 mm compatible con MC4



LINEAR WARRANTY



- look warranty terms -