

X-MAX XL HJT COLOR

Heterojunction High Efficiency solar cells
Monocrystalline

320/360_{Wp}
Power

HJT
Technology Innovation

20.11%
Efficiency

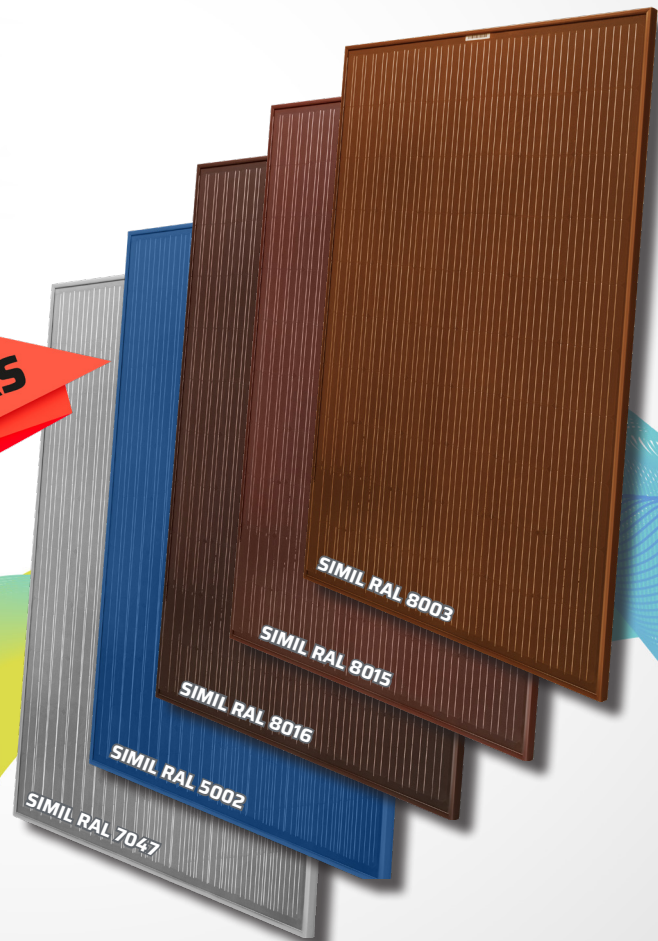
-0.260%/°C
Temperature coefficient

Colored
Glass and Frame

**High
Resistance**
to Snow/Wind



**NEW
COLORS**



X-MAX XL HJT COLOR is one of a wide range of SUNERG's product. It is manufactured according to IEC 61215, IEC 61730 and CE standards. The innovative technology microwire solar cells consists of copper wires supported by a polymer foil. The wires are coated with a thin low melting point alloy layer, which melts during the module lamination process and builds up a solder contact to the cell metallization.

- Linear Warranty:
30 years linear power warranty
- Product Warranty:
25 years product warranty

CONFORM TO:

| UNI9177 | PV CYCLE | CE |

UNI EN ISO 9001:2015	Quality management system
UNI EN ISO 14001:2015	Standards for environmental management system
UNI EN BS OHSAS 45001:2018	International standards for occupational health and safety

GLASS COLOR (SIMIL RAL)

8003
8003 - 7047
7047 - 8015
8015 - 5002 - 8016
8016

ELECTRICAL DATA (STC)		XMXLJ60320I+H	XMXLJ60330I+H	XMXLJ60340I+H	XMXLJ60350I+H	XMXLJ60360I+H
Open circuit Voltage	(Voc)	42.25 V	43.12 V	43.95 V	44.36 V	44.46 V
Voltage a Pmax.	(Vmp)	35.40 V	36.10 V	36.90 V	37.29 V	37.80 V
Short-circuit current	(Isc)	10.17 A	10.38 A	10.45 A	10.71 A	10.73 A
Current at Pmax.	(Imp)	9.10 A	9.20 A	9.30 A	9.46 A	9.70 A
Peak Power	(Pmax)	320 Wp	330 Wp	340 Wp	350 Wp	360 Wp
Module Efficiency		17.87%	18.43%	18.99%	19.55%	20.11%
Maximum voltage		1000 V DC				
Maximum series fuse rating		20A				
Operating Temperature		-40°C - +85°C				

Tolerance electric measurement and Power output $\pm 3\%$

* STC (Standard test conditions)

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

TEMPERATURE COEFFICIENT

Pmax Temperature Coefficient -0.260% / °C

Voc Temperature Coefficient -0.270% / °C

Isc Temperature Coefficient 0.055% / °C

MECHANICAL CHARACTERISTIC

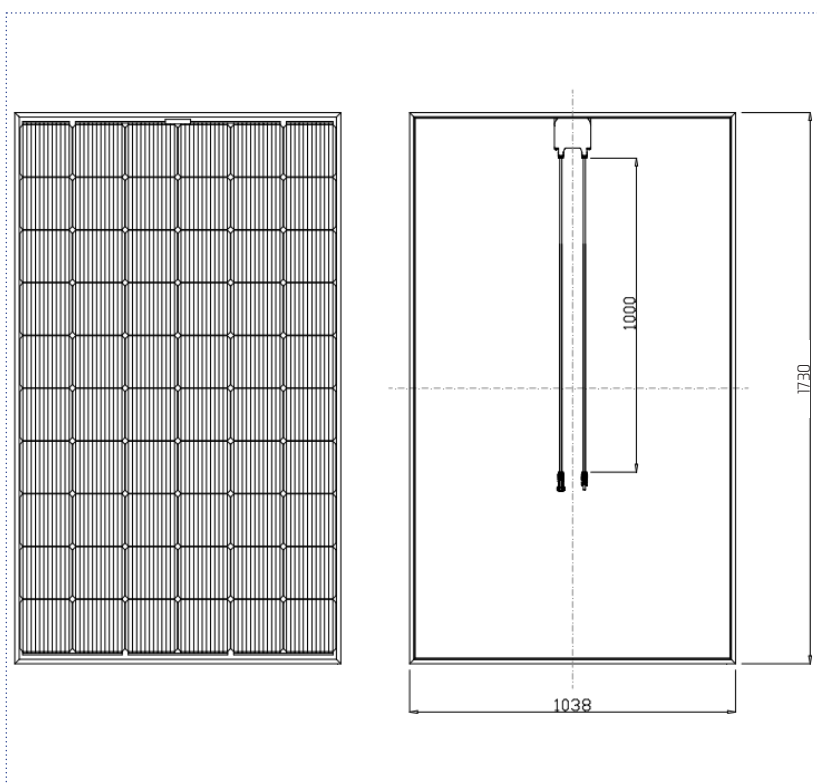
Maximum Load 5400 Pa / 2400 Pa

Dimensions (mm) 1730 x 1038 x 35

Weight (Kg) 20

Solar cells type HJT Mono 166 mm

No. solar cells 60



GENERAL INFORMATION

Glass 3.2 mm, high transmission, tempered glass

Frame Anodized aluminum alloy, Coated with glass color

Juntion Box IP67

Output Cable - Connectors 4.0mm², 1000 mm MC4 compatible

Sunerg Solar S.r.l. reserves the right to make changes to the technical data of the product without prior notice.

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.

*Image shown for illustrative purpose only