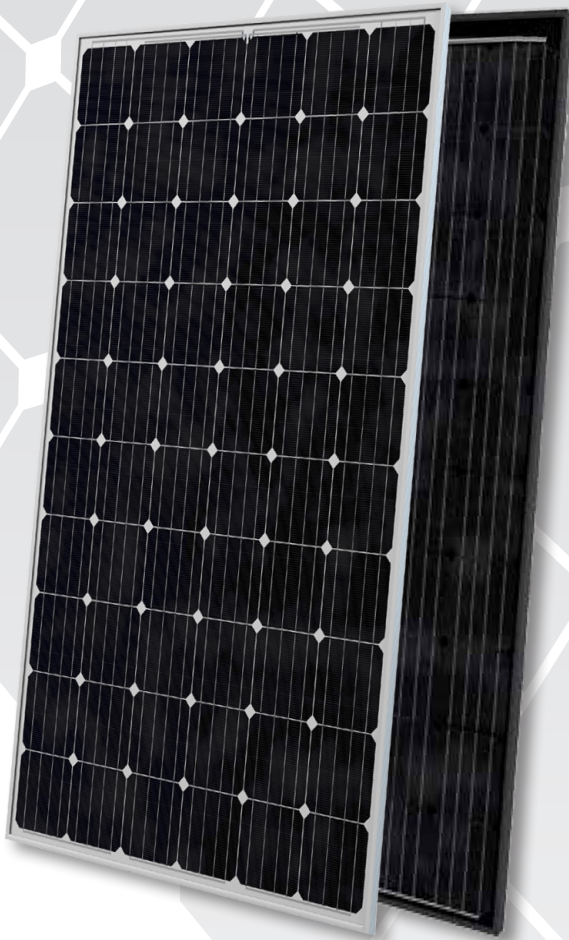


X-MAX Monocrystalline

290 - 295 Wp



4 Busbar cells



Plus only tollerance -0/+5 Wp



Designed and engineered in Italy



Product warranty

X-MAX 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 | UNI 9177 Reaction to Fire: Class 1 | 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)
**XM460-290 I+35
(IB+35)**
**XM460-295 I+35
(IB+35)**

| | | | |
|---------------------------------------|-------|---------------|---------------|
| Open circuit voltage | (Voc) | 38.76 V | 38.94 V |
| Voltage at Pmax | (Vmp) | 33.18 V | 33.40 V |
| Short-circuit current | (Isc) | 9.34 V | 9.40 A |
| Current at Pmax. | (Imp) | 8.75 V | 8.85A |
| Peak Power (Pmax) Tolerance -0/+5 Wp* | | 290 Wp | 295 Wp |
| Module Efficiency | | 17.80% | 18.11 % |
| Maximum voltage | | 1000 V DC | 1000 V DC |
| Maximum series fuse rating | | 16A | 16A |
| Operating Temperature | | -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 | -0.38% / °C |
| Voc Temperature coefficient | -0.36% / °C |
| Isc Temperature coefficient | 0.07% / °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)
Type: Mono

Weight 17.9 Kg

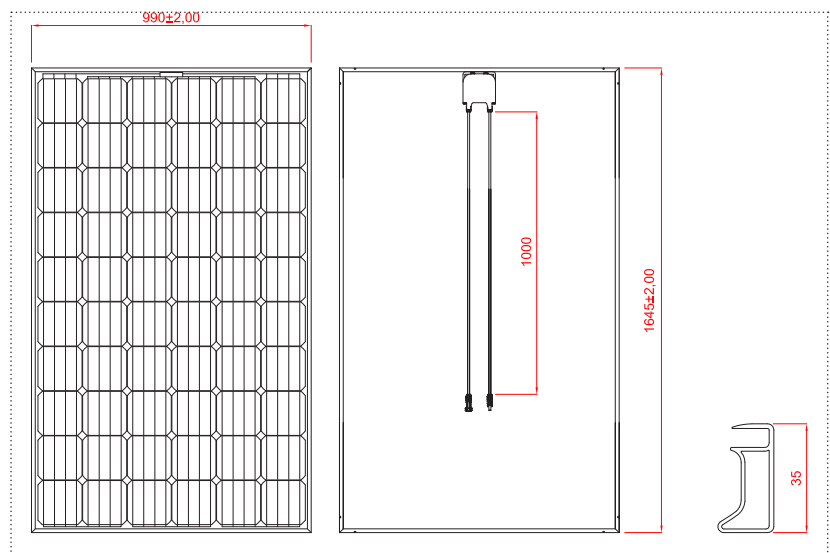
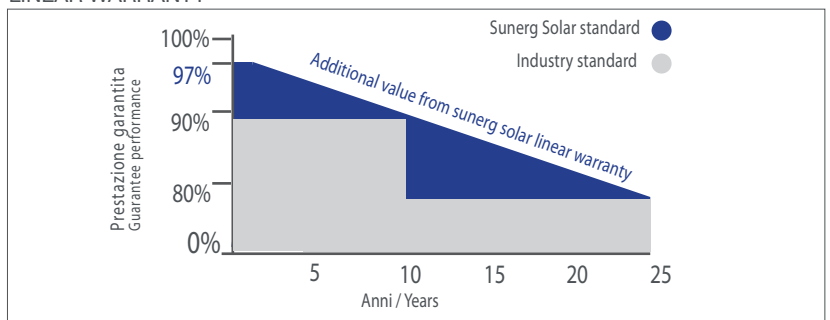
GENERAL INFORMATION

Front glass Tempered AR Coated glass, 3.2 mm

Frame Anodized aluminum alloy (Ral 9005 black coating for IB+35 series)

Junction box IP67 rating, 3 bypass diodes

Output cables Cable E317230-C PV, connectors PV4

PRODUCT

LINEAR WARRANTY


Vedi termini di garanzia - look warranty terms - voir les conditions de garantie

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