

X-SMART Monocrystalline

300 Wp



4 Busbar cells



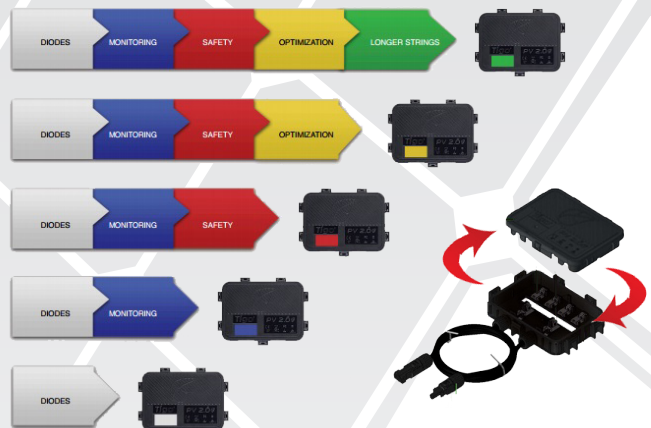
Plus only Tolerance -0/+5 Wp



Designed and engineered in Italy

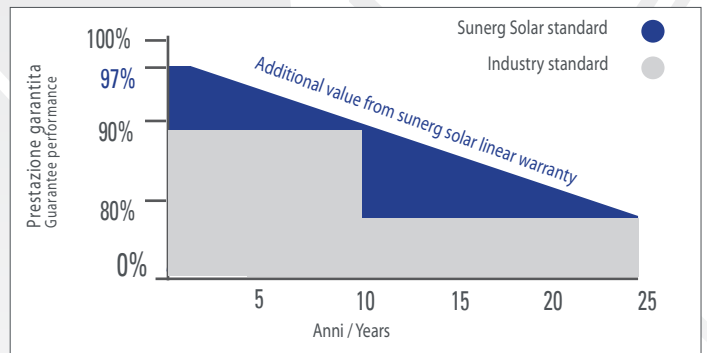


Product warranty



The new X-SMART combines the quality of our photovoltaic modules of Sunerg solar with the versatility Interchangeable system of Tigo. The TS4 universal platform enables plug-and-play functionality for any solar module. The base provides a single interface that can be matched with one of several electronic covers to address a range of functions and budgets. Tigo has expanded its smart module platform to provide five levels of customization with an universal base and a range of covers.

LINEAR WARRANTY



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

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
UNI EN ISO 14001:2004
UNI EN BS OHSAS 18001:2007

| Quality management system
| Standards for environmental management system
| International standards for occupational health and safety

ELECTRICAL DATA (STC)
**XM460300I+35
TS4-****

| | | |
|---------------------------------------|-------|---------------|
| Open circuit voltage | (Voc) | 39.05 V |
| Voltage at Pmax | (Vmp) | 33.76 V |
| Short-circuit current | (Isc) | 9.42 A |
| Current at Pmax. | (Imp) | 8.89 A |
| Peak Power (Pmax) Tolerance -0/+5 Wp* | | 300 Wp |
| Module Efficiency | | 18.42% |
| Maximum voltage | | 1000 V DC |
| Maximum series fuse rating | | 16A |
| Operating Temperature | | -40°C - +85°C |

****D / M / S / O / L**

Tolerans elektrisk mätning 3%

*** STC** (Standard test conditions)

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

TEMPERATURE COEFFICIENT

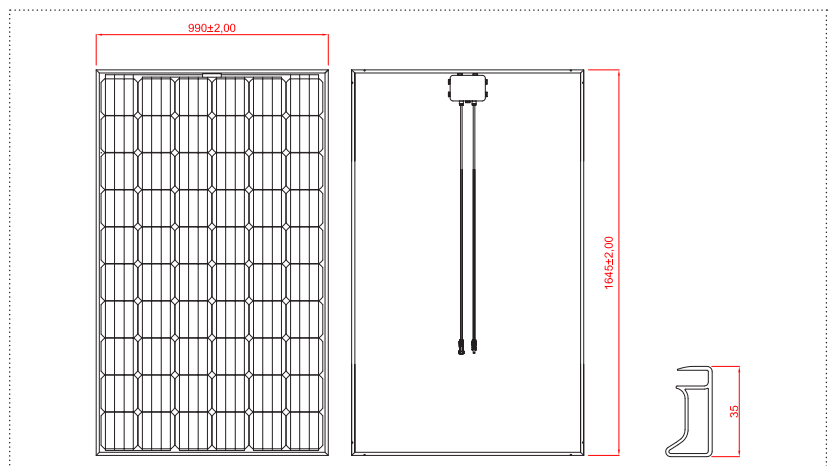
| | |
|------------------------------|-------------|
| NOCT | 46±2 °C |
| Pmax Temperature coefficient | -0.40% / °C |
| Voc Temperature coefficient | -0.31% / °C |
| Isc Temperature coefficient | 0.04% / °C |

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 | 18.4 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 | Mod. Tigo TS4 IP65/IP67 NEMA 3R |
| Output cables | Solar cable PV1-F; 4mm ² ; MC4 connectors |

PRODUCT


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.