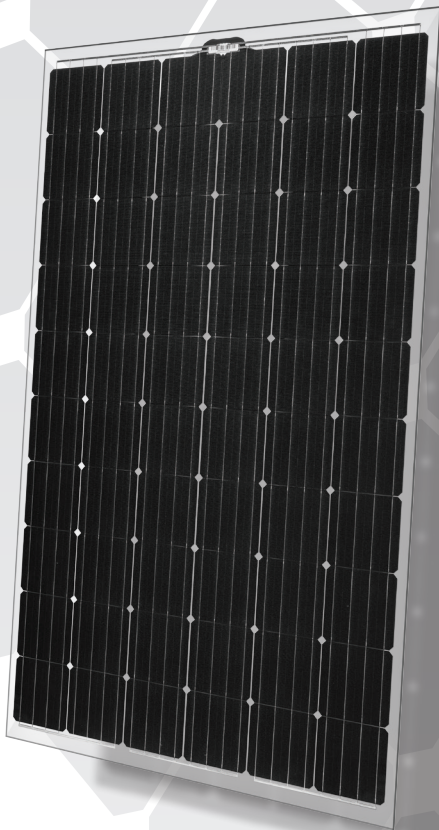


# X-DIAMOND

295 - 300Wp

Monocrystalline



*Mono cells*



*Double glass technology*



*Plus only tollerance -0/+3%*



*High resistance to snow / wind loads*



*Maximum resistance to environmental factors*



*Product warranty*



*Performance linear warranty*

The photovoltaic modules X-DIAMOND is one of a wide range of products made by Sunerg and It is manufactured according to IEC 61215, IEC 61730 standard and CE. They are characterized by mono PERC cells and double glass technology.

CORRESPOND TO

IEC 61215-ed2 | EN 61730-1 | EN 61730-2 | 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)**

XM60295DG+E5C

XM60300DG+E5C

Open circuit voltage	(Voc)	39.35 V	39.60 V
Voltage at Pmax	(Vmp)	32.04 V	32.27 V
Short-circuit current	(Isc)	9.71 A	9.85 A
Current at Pmax.	(Imp)	9.21 A	9.32 A
Peak Power (Pmax) Tolerance 0/+3%		295 Wp	300 Wp
Module Efficiency		17.93%	18.24%
Maximum voltage		1000 V DC	1000 V DC
Maximum series fuse rating		15 A	15 A
Operating Temperature		-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement 3%

\*STC (Standard test conditions)

 Irradiance 1000 w/m<sup>2</sup>, module temperature 25°C, AM= 1.5

**TEMPERATURE COEFFICIENT**

Pmax Temperature coefficient -0.430%/°C

Voc Temperature coefficient -0.325%/°C

Isc Temperature coefficient 0.040%/°C

**MECHANICAL CHARACTERISTIC**

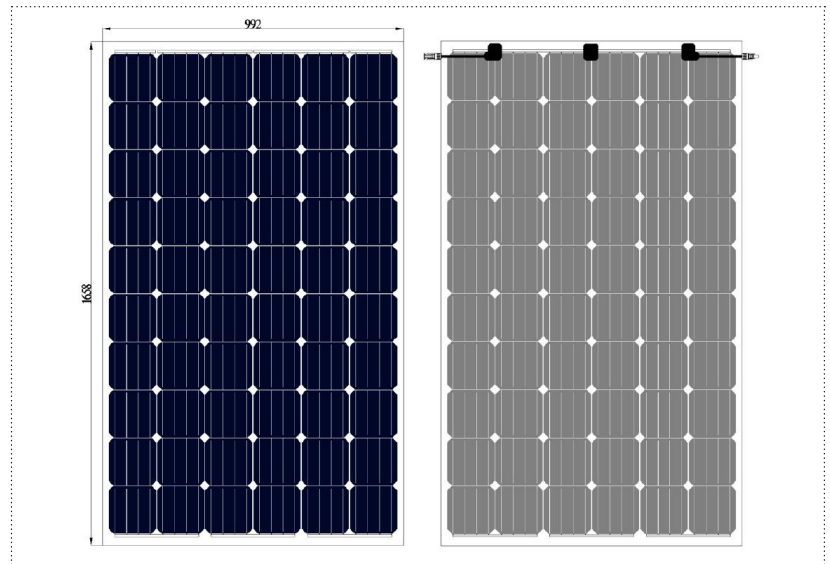
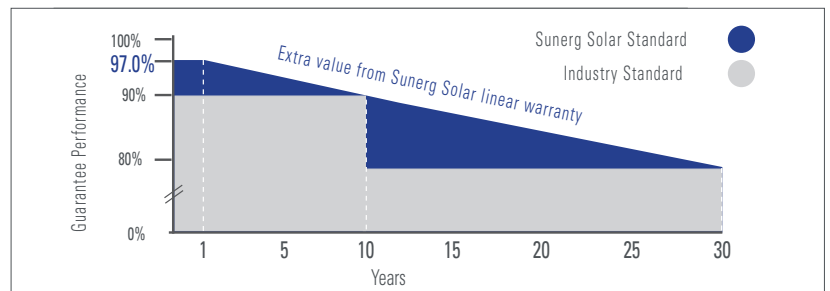
Dimensions (mm) 1658 x 992 x 6.2

Hail test 25 mm - 23 m/s

Snow load / Wind load 5400 Pa / 2400 Pa

 Number of cells 60 (156 mm x 156 mm)  
Type: Mono

Weight 23 Kg

**PRODUCT**

**LINEAR WARRANTY**


- look warranty terms -

**GENERAL INFORMATION**

Front glass 2.5 mm, High Transmission, AR Coated and Heat Strengthened Glass

Back glass 2.5 mm, Heat Strengthened Glass

Junction box TL-BOX029S, IP68

 Cables/Connectors PV1-F, 4mm<sup>2</sup> - MC4 compatible

 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.