



X-CLASSIC Monocrystalline

300 - 305 - 310 - 315 - 320 Wp



PERC Mono Cells



Voltage system 1500 V_{DC}



Fire reaction Class 1 rating



Only positive tolerance 0/+3%



High Mechanical Load Capability



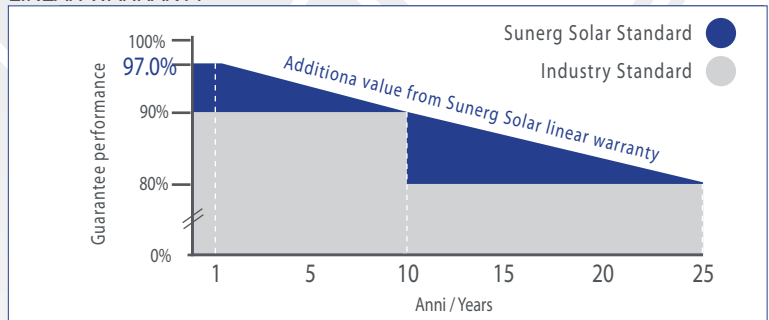
Product warranty



Linear warranty

X-CLASSIC is one of a wide range of products made by SUNERG. It is manufactured according to IEC 61215, IEC 61730 and CE standards.

LINEAR WARRANTY



Look Warranty terms

CORRESPOND TO

IEC 61215 | EN 61730 | PV CYCLE | UNI9177 cl.1 | 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)

		XM60/156-300C+	XM60/156-305C+	XM60/156-310C+	XM60/156-315C+	XM60/156-320C+
Open circuit Voltage	(Voc)	39.88 V	40.16 V	40.44 V	40.72 V	41.00 V
Voltage a Pmax.	(Vmp)	32.95 V	33.23V	33.52 V	33.80 V	34.08 V
Short-circuit current	(Isc)	9.60 A	9.68 A	9.76 A	9.84 A	9.91 A
Current at Pmax.	(Imp)	9.11 A	9.18 A	9.25 A	9.32 A	9.39 A
Peak Power (Pmax) Tolerance 0/+3%		300 Wp	305 Wp	310 Wp	315 Wp	320 Wp
Module Efficiency		18.46%	18.77%	19.07%	19.38%	19.69%
Maximum voltage		1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Maximum series fuse rating		15A	15A	15A	15A	15A
Operating Temperature		-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-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

Pmax Temperature Coefficient	-0.40%/°C
Voc Temperature Coefficient	-0.31%/°C
Isc Temperature Coefficient	0.05%/°C
Nominal Operating Cell Temperature (NOCT)	42±3°C

MECHANICAL CHARACTERISTIC

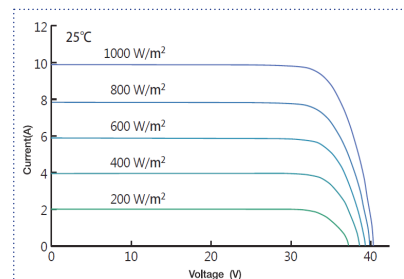
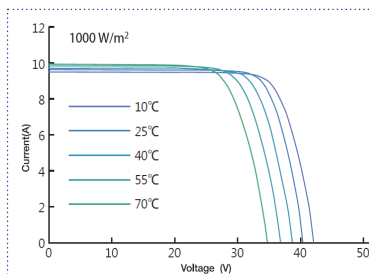
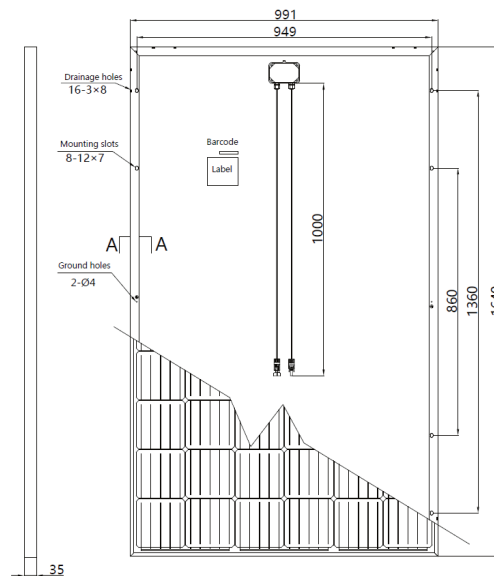
Number of cells	60 Type: Mono
Dimensions (mm)	1640x991x35
Weight	18.2 Kg

PACKING SPECIFICATIONS

Packing type	40HC
Pieces/pallet	30
Pallet/container	28
Piece/container	840

GENERAL INFORMATIONS

Maximum surface load	5400 Pa
Glass	3.2 mm tempered glass
Frame	Silver Anodized Aluminum alloy
Output Cable	Cable 1x4mm ² , 900 mm
Jnction box - Connectors	3 diodes, IP67 - MC4 / MC4 Compatible



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