



X-HALF CUT Monocrystalline

395 - 400 - 405 - 410 Wp



Multi Busbar Half-cut cells



Excellent cell efficiency and output



Positive Tolerance



High Voltage 1500 Vdc



High resistance to snow/wind loads



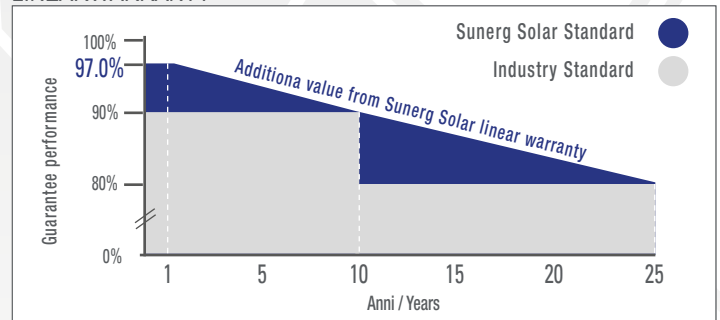
Product warranty



Linear performance warranty

X-HALF CUT is one of a wide range of SUNERG's product. It is manufactured according to IEC 61215, IEC 61730 and CE standards.

LINEARWARRANTY



CORRESPOND TO

| IEC 61215 | IEC 61730 | PV CYCLE | CE |

UNI EN ISO 9001:2008
UNI EN ISO 14001:2004
UNI EN ISO 45001:2018

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

ELECTRICAL DATA (STC)		XMHC108395K+H	XMHC108400K+H	XMHC108405+H	XMHC108410+H
Open circuit Voltage	(Voc)	36.93 V	37.18 V	37.42 V	37.66 V
Voltage a Pmax.	(Vmp)	31.03 V	31.28 V	31.52 V	31.76 V
Short-circuit current	(Isc)	13.48 A	13.54 A	13.60 A	13.66 A
Current at Pmax.	(Imp)	12.73 A	12.79 A	12.85 A	12.91 A
Peak Power (Pmax) Tolerance 0/+3%		395 Wp	400 Wp	405 Wp	410 Wp
Module Efficiency		20.20%	20.46%	20.71%	20.99%
Maximum voltage		1500 V DC	1500 V DC	1500 V DC	1500 V DC
Operating Temperature		-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement ±3%

* STC (Standard test conditions)

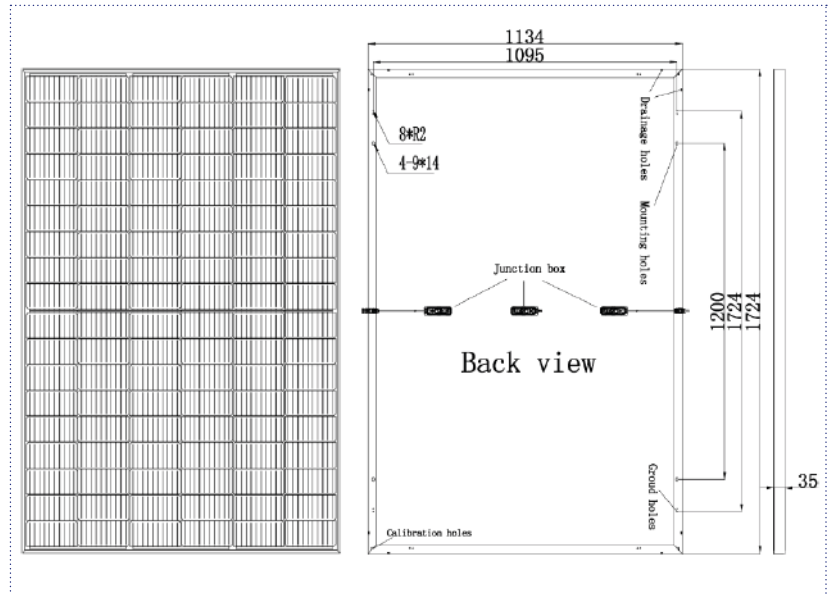
Irradiance 1000 w/m², module temperature 25°C, AM= 1.5

TEMPERATURE COEFFICIENT

Pmax Temperature Coefficient	-0.390%/°C
Voc Temperature Coefficient	-0.295%/°C
Isc Temperature Coefficient	+0.039%/°C

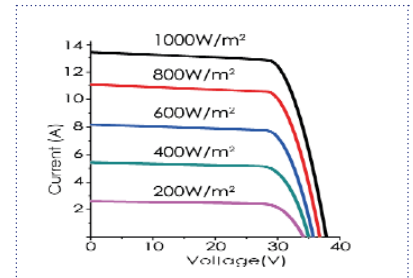
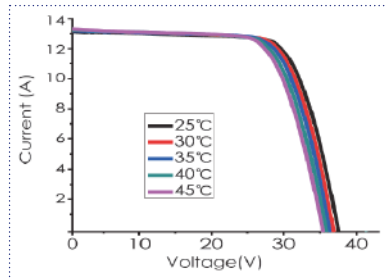
MECHANICAL CHARACTERISTIC

Number of cells (pcs)	108
Cells	Half Mono (182x91 mm)
Dimensions (mm)	1724 x 1134 x 35
Weight (Kg)	20.4



PACKING CONFIGURATION

Quantity pallet	31 pcs.
Container 40'HQ	806 pcs.



GENERAL INFORMATION

Frame	Anodized Aluminum Alloy
J-Box	IP67, 3 bypass diodes
Output Cable	4.0mm ²
Connector	MC4 Compatible connector

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.