



X-HALF CUT Monocrystalline

530 - 535 - 540 - 545 - 550 Wp



MBB Half-cut cells



Excellent cell efficiency and output



Positive Tolerance



Excellent PID Resistance



High Voltage 1500 Vdc



High resistance to snow/wind loads



Product warranty



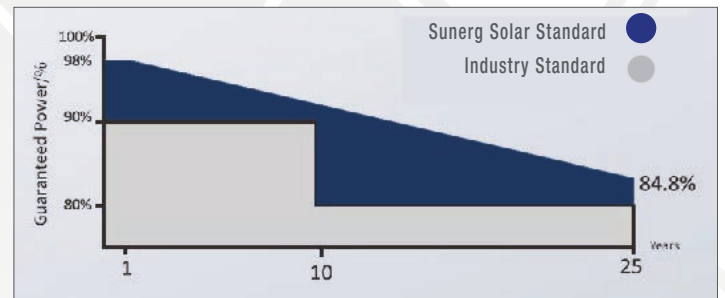
Linear performance warranty

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.

CORRESPOND TO
| 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

LINEAR WARRANTY



Look Warranty terms

ELECTRICAL DATA (STC)		XMHC144530K+H	XMHC144535K+H	XMHC144540K+H	XMHC144545K+H	XMHC144550K+H
Open circuit Voltage	(Voc)	49.63 V	49.76 V	49.89 V	50.10 V	50.32 V
Voltage a Pmax.	(Vmp)	41.57 V	41.80 V	42.03 V	42.25 V	42.48 V
Short-circuit current	(Isc)	13.50 A	13.55 A	13.60 A	13.65 A	13.70 A
Current at Pmax.	(Imp)	12.75 A	12.80 A	12.85 A	12.90 A	12.95 A
Peak Power (Pmax) Tolerance 0/+5W		530 Wp	535 Wp	540Wp	545 Wp	550 Wp
Module Efficiency		20.51%	20.71%	20.90%	21.09%	21.29%
Fuse Rating Current		25 A	25 A	25 A	25 A	25 A
Maximum voltage		1500 V DC	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	-40°C - +85°C
Operating Humidity		5%- 85%	5%- 85%	5%- 85%	5%- 85%	5%- 85%

Tolerance electric measurement ±3%

* STC (Standard test conditions)

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

TEMPERATURE COEFFICIENT

Pmax Temperature Coefficient	-0.350%/°C
Voc Temperature Coefficient	-0.275%/°C
Isc Temperature Coefficient	+0.05%/°C

MECHANICAL CHARACTERISTIC

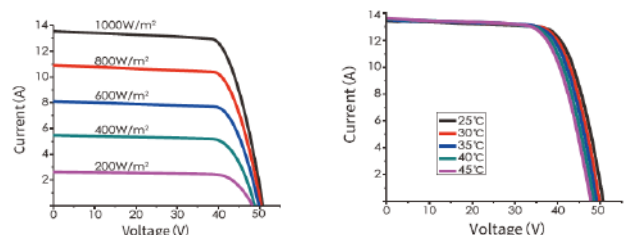
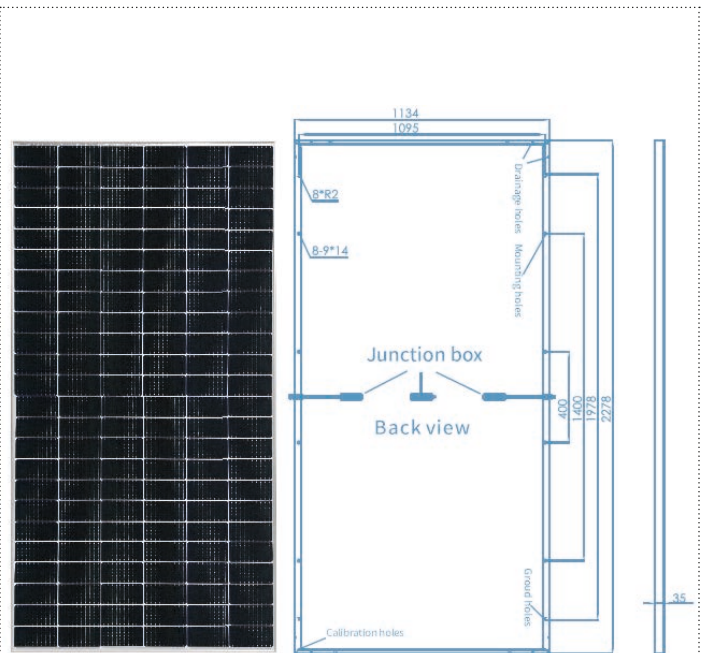
Max load Snow/Wind	5400 Pa / 2400 Pa
Cells	Half Mono (182x91 mm)
Dimensions (mm)	2278 x 1134 x 35
Weight (Kg)	27

PACKING CONFIGURATION

Pieces per pallet	31 pcs.
Size of packing (mm)	2320x1140x1275
Weight of packing (Kg)	887
Pieces per container	620
Size container	40'HC

GENERAL INFORMATION

Frame	Anodized Aluminum Alloy
J-Box	IP68
Output Cable	4.0mm ² , portrait: ±300mm/-300mm
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.