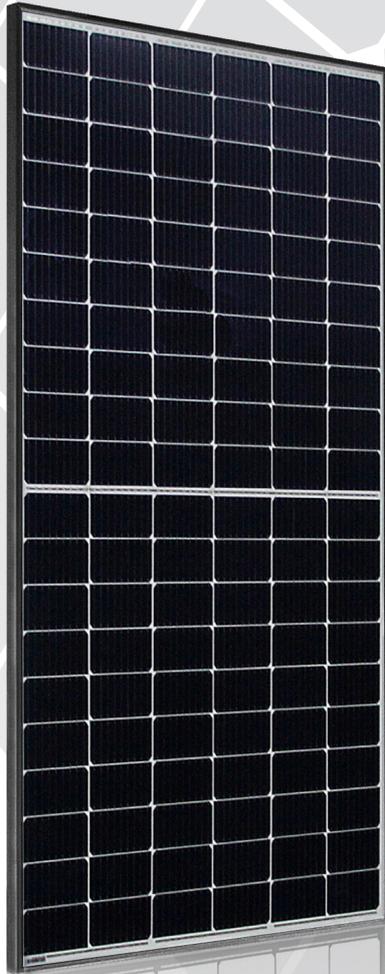




X-HALF CUT Monocrystalline 375 Wp



Efficiency up to 20.27%



120 Half-cut cells 9 Busbar



High Voltage 1500 Vdc



0/+3%
Only positive tollerance



Class 1 fire reaction



High resistance to snow/wind loads



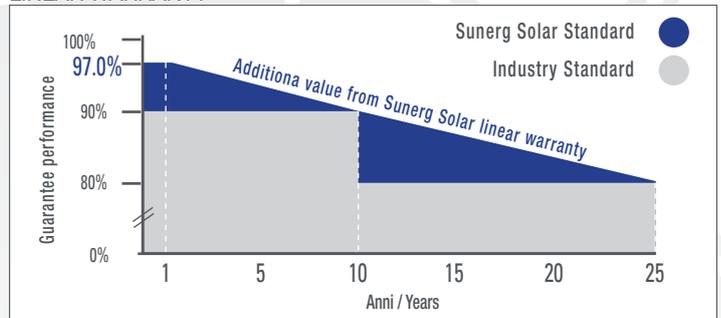
Product Warranty



Linear 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. The innovative 9 busbar half-cells guarantee high power per unit, reduce the risk of micro-crack, mismatch and shadow loss, so increasing the reliability of the module.

LINEAR WARRANTY



CORRESPOND TO

| UNI9177 | 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)
XMHC120375BW+H

Open circuit Voltage	(Voc)	42.15 V
Voltage a Pmax.	(Vmp)	34.41 V
Short-circuit current	(Isc)	11.42 A
Current at Pmax.	(Imp)	10.90 A
Peak Power (Pmax) Tolerance 0/+3%		375 Wp
Module Efficiency		20.27%
Maximum voltage		1500 V DC
Maximum series fuse rating		20A
Operating Temperature		-40°C - +85°C

Tolerance electric measurement ±3%

*** STC (Standard test conditions)**

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

TEMPERATURE COEFFICIENT

NMOT	42°C±3°C
Pmax Temperature Coefficient	-0.36%/ °C
Voc Temperature Coefficient	-0.29%/ °C
Isc Temperature Coefficient	0.048% / °C

MECHANICAL CHARACTERISTIC

Maximum Load (front/back)	5400 Pa / 2400 Pa
Dimensions (mm)	1765 x 1048 x 35
Weight (Kg)	21.1
Solar cells type	Mono 166x83 mm
No. solar cells	120 [2x(10x6)]

PACKING CONFIGURATION

Module per Pallet	31 pcs.
Modules per container 40'HQ	845 pcs.

GENERAL INFORMATION

Frame	Black Anodized aluminum alloy
Junction Box	IP67, 3 Bypass diodes
Output Cable	4.0mm ² , lenght 300 mm

