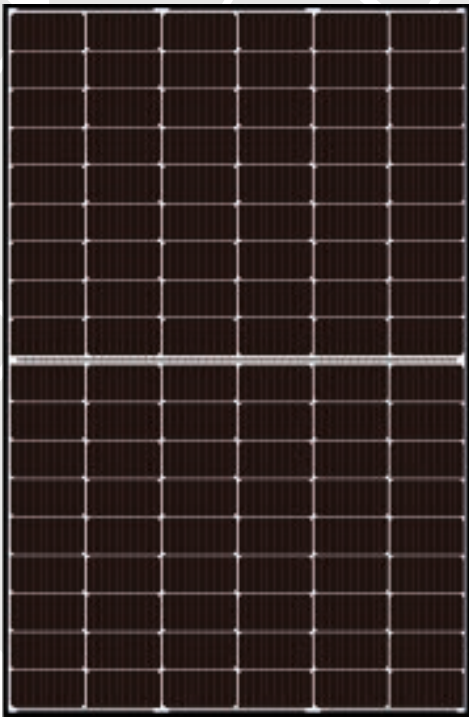




X-HALF CUT Monocrystalline

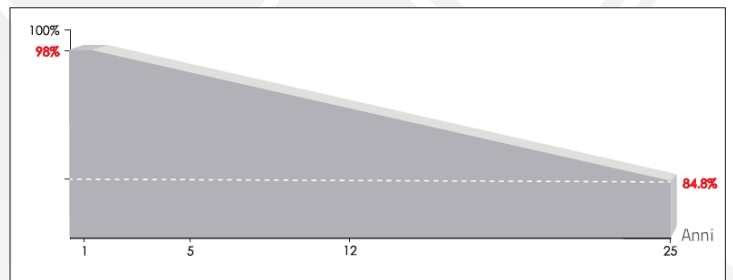
400 - 405 - 410 - 415 Wp



- Half-cut cells Multi Busbar*
- High Voltage 1500 Vdc*
- 0/+5W Power tollerance*
- Product Warranty*
- Linear Warranty*
- Max efficiency 21,3%*
- Extremely low Temp. Coefficient-0.35%/ °C*
- Fire reaction Class 1*

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 multi 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



- look warranty terms -

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)

	XMHC108400KBW+H		XMHC108405KBW+H		XMHC108410KBW+H		XMHC108415KBW+H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Open circuit Voltage (Voc)	37.18 V	34.95 V	37.33 V	35.09 V	37.68 V	35.42 V	37.79 V	35.59 V
Voltage a Pmax. (Vmp)	31.42 V	29.22 V	31.55 V	29.35 V	31.84 V	29.61 V	31.94 V	29.72 V
Short-circuit current (Isc)	13.39 A	10.85 A	13.44 A	10.89 A	13.59 A	11.01 A	13.72 A	11.12 A
Current at Pmax. (Imp)	12.74 A	10.21 A	12.84 A	10.29 A	12.88 A	10.31 A	13.01 A	10.42 A
Peak Power (Pmax) Tolerance	400 Wp	298 Wp	405 Wp	302 Wp	410 Wp	305 Wp	415 Wp	309 Wp
Module Efficiency	20.50 %		20.70 %		21.00 %		21.30 %	
Maximum voltage	1500 V DC							
Maximum series fuse rating	25 A							
Operating Temperature	-40°C - +85°C							

Tolerance electric measurement ±3%

*** STC** (Standard test conditions)

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

*** NOCT** (Nominal Operating Cell Temperature)

 Irraggiamento 800 W/m², temperatura 20°C, wind speed 1m/s

TEMPERATURE COEFFICIENT

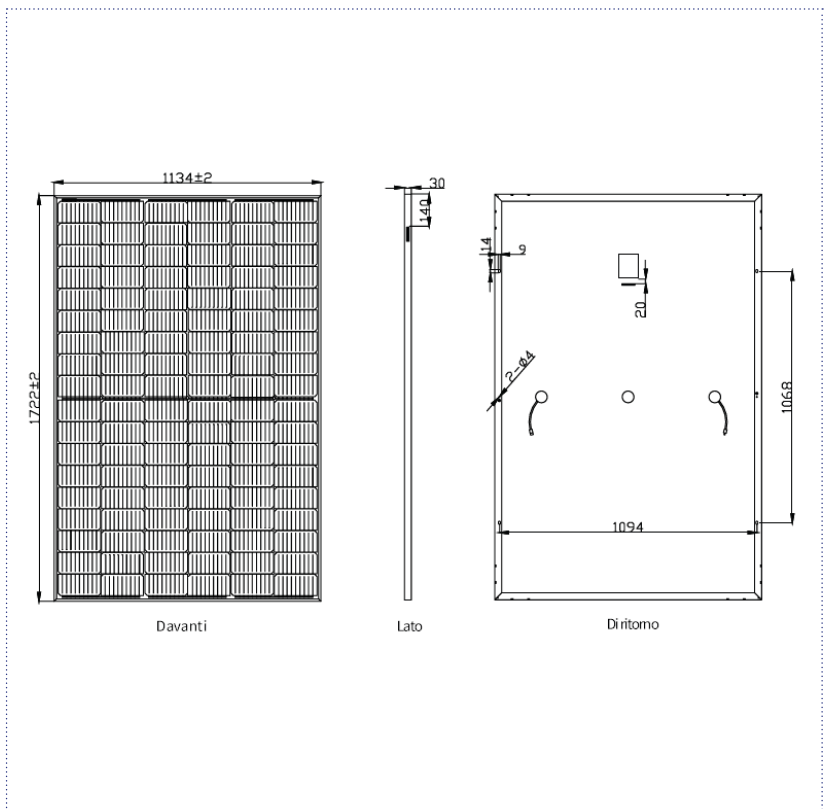
NOCT	43 ± 2 C
Pmax Temperature Coefficient	-0.35%/ °C
Voc Temperature Coefficient	-0.28%/ °C
Isc Temperature Coefficient	0.05% / °C

MECHANICAL CHARACTERISTIC

Dimensions (mm)	1722 x 1134 x 30
Weight (Kg)	21.5
Solar cells type	Mono 182x 91 mm
N. solar cells	108
Max. surface load capacity	5400 Pa / 2400 Pa

PACKING CONFIGURATION

Module per Pallet	36 pcs.
Modules per container 40'HQ	936 pcs.


GENERAL INFORMATION

Glass	antireflex-coated, high transmission, tempered glass 3.2 mm
Frame	Silver anodized aluminum
Juntion Box	IP68
Output Cable - Connectors	4.0mm ² , 300mm/1200mm (customized)

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.