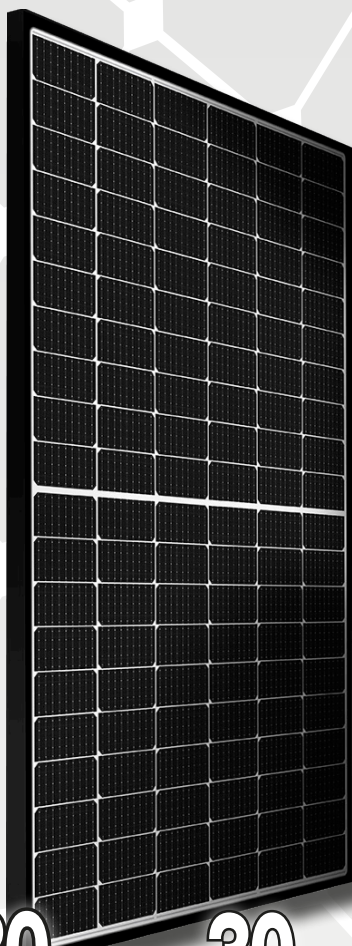




# X-HALF CUT- HJT BIFACIAL Heterojunction High Efficiency glass glass Monocrystalline

380 - 385 - 390 - 395 - 400 Wp



**30 years** Product warranty **30 years** Linear warranty



**HJT** 120 Half-cut cells Multi Busbar



High Voltage 1500 Vdc



Double glass module with frame



Power tolerance 0~+5W



Max efficiency 21,96 %

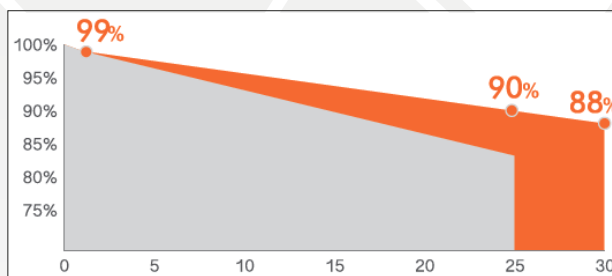


Extremely low Temp. Coefficient -0.26%/ °C

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. X-HALF CUT HJT bifacial modules exhibit improved resistance, high efficiency, and stable and long-lasting power generation.

Transparent conducting oxides (TCO) film in the HJT module prevents charge accumulation on the surface, resulting in high PID resistance.

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)		XMHCJ380BFDG+H	XMHCJ385BFDG+H	XMHCJ390BFDG+H	XMHCJ395BFDG+H	XMHCJ400BFDG+H
Open circuit Voltage	(Voc)	44.22 V	44.35 V	44.48 V	44.61 V	44.74 V
Voltage a Pmax.	(Vmp)	37.52 V	37.70 V	37.91 V	38.16 V	38.36 V
Short-circuit current	(Isc)	10.50 A	10.56 A	10.62 A	10.68 A	10.74 A
Current at Pmax.	(Imp)	10.14 A	10.22 A	10.30 A	10.36 A	10.44 A
Peak Power (Pmax) Tolerance		380 Wp	385 Wp	390 Wp	395 Wp	400 Wp
Module Efficiency		20.86 %	21.13 %	21.41 %	21.68 %	21.96 %
Maximum voltage		1500 V DC				
Maximum series fuse rating		20A				
Operating Temperature		-40°C - +85°C				
Bifaciality		80% ± 5%				

\* STC (Standard test conditions)

Irradiance 1000 w/m<sup>2</sup>, Temperature 25°C, AM = 1.5

\* BSTC

front side irradiation 1000 w/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, Temperature 25°C, AM = 1.5

Tolerance electric measurement ±3%

### BSTC\*

Nominal Max. Power (Pmax/W)	420	425	430	435	440
Open Circuit Voltage (Voc/V)	45.34	45.61	45.94	46.81	47.51
Short Circuit Current (Isc/A)	11.49	11.53	11.57	11.61	11.65
Operating Voltage (Vmp/V)	38.31	38.50	38.67	38.93	39.20
Operating Current (Imp/A)	11.09	11.13	11.18	11.23	11.28

### TEMPERATURE COEFFICIENT

Nominal Operating Cell Temp.(NOCT)	44°C ±2°C
Pmax Temperature Coefficient	-0.26%/°C
Voc Temperature Coefficient	-0.24%/°C
Isc Temperature Coefficient	0.04%/°C

### MECHANICAL CHARACTERISTIC

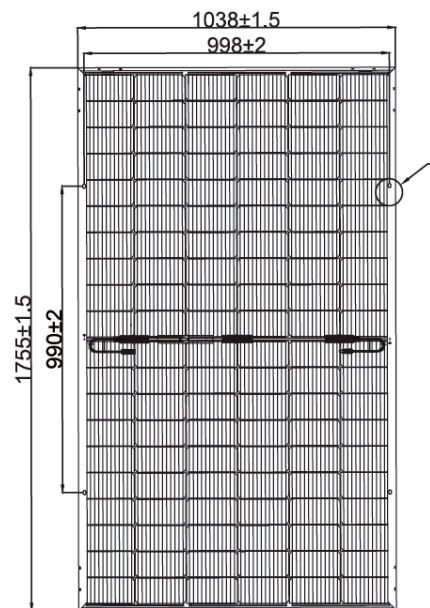
Dimensions (mm)	1755 x 1038 x 30
Weight (Kg)	23.5
Solar cells type	HJT Mono 166x83 mm
No. solar cells	120

### PACKING CONFIGURATION

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

### GENERAL INFORMATION

Glass	2.0 mm anti-reflective surface solar glass   2.0 mm solar glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cable - Connectors	4.0mm <sup>2</sup> , 1200 mm in length (customized) MC4 compatible



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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.