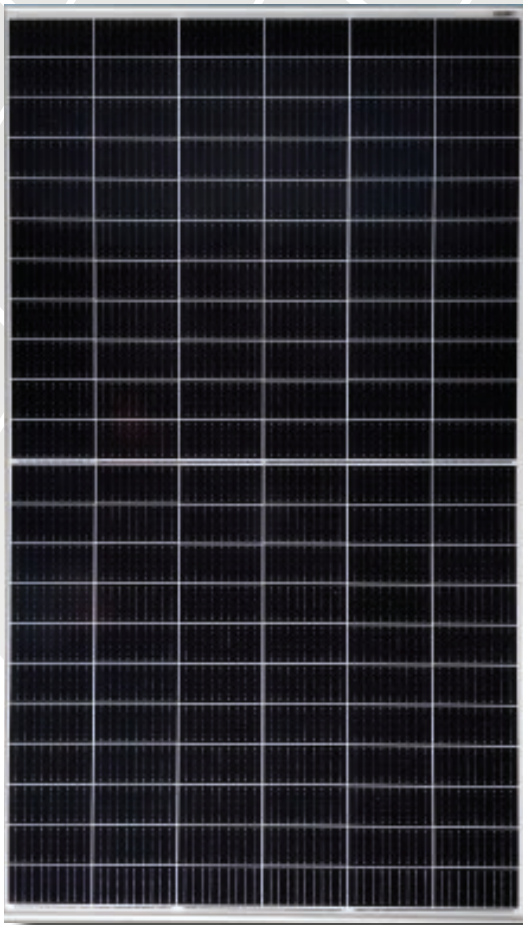




# X-HALF CUT- HJT Heterojunction High Efficiency glass glass BIFACIAL modules Monocrystalline 700 - 705 - 710 - 715 - 720 Wp



**HJT** 132 Half-cut cells Multi Busbar



High Voltage 1500 Vdc



Double glass module with frame



Power tolerance 0~+5W



Product Warranty 15 YEARS



Linear Warranty 30 YEARS

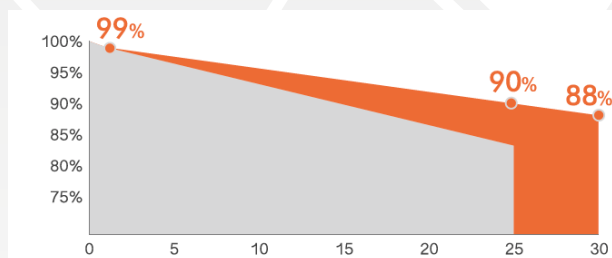


Max efficiency 23.18%



Extremely low Temp. Coefficient-0.26%/ °C

LINEAR WARRANTY



- look warranty terms -

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.

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)		XMHCJE700BFDG+H	XMHCJE705BFDG+H	XMHCJE710BFDG+H	XMHCJE715BFDG+H	XMHCJE720BFDG+H
Open circuit Voltage	(Voc)	50.13 V	50.29 V	50.44 V	50.59 V	50.74 V
Voltage a Pmax.	(Vmp)	42.10 V	42.25 V	42.39 V	42.54 V	42.68 V
Short-circuit current	(Isc)	17.43 A	17.49 A	17.55 A	17.61 A	17.67 A
Current at Pmax.	(Imp)	16.63 A	16.69 A	16.75 A	16.81 A	16.87 A
Peak Power (Pmax) Tolerance		700 Wp	705 Wp	710 Wp	715 Wp	720 Wp
Module Efficiency		22.53 %	22.70 %	22.86 %	23.02 %	23.18 %
Maximum voltage		1500 V DC				
Maximum series fuse rating		35 A				
Operating Temperature		-40°C - +85°C				

### BSTC\*

	770	775	780	785	790
Maximum Power (Pmax/W)	770	775	780	785	790
Open Circuit Voltage (Voc/V)	50.13	50.29	50.44	50.59	50.74
Short Circuit Current( Isc/A)	19.17	19.22	19.28	19.33	19.39
Operating Voltage (Vmp/V)	42.10	42.25	42.39	42.54	42.68
Operating Current (Imp/A)	18.29	18.35	18.41	18.46	18.51

\*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

\* STC (Standard test conditions)

Tolerance electric measurement ±3%

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

### TEMPERATURE COEFFICIENT

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

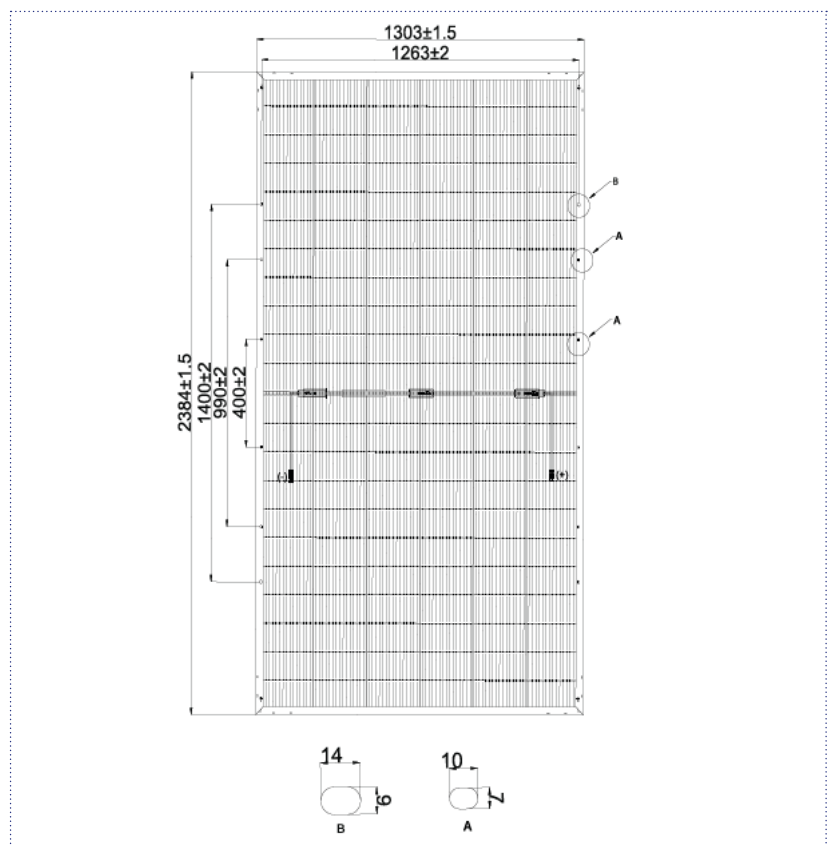
Dimensions (mm)	2384 x 1303 x 35
Weight (Kg)	38.7
Solar cells type	HJT Mono 210x105 mm
No. solar cells	132

### PACKING CONFIGURATION

Module per Pallet	31 pcs.
Modules per container 40'HQ	558 pcs.

### GENERAL INFORMATION

Glass	2.0+2.0 mm anti-reflective surface solar glass
Frame	Anodized aluminum
Junction Box	IP68
Output Cable	4.0mm <sup>2</sup> , 1400 mm in length
Connectors type	MC4 original / MC4 compatible



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.