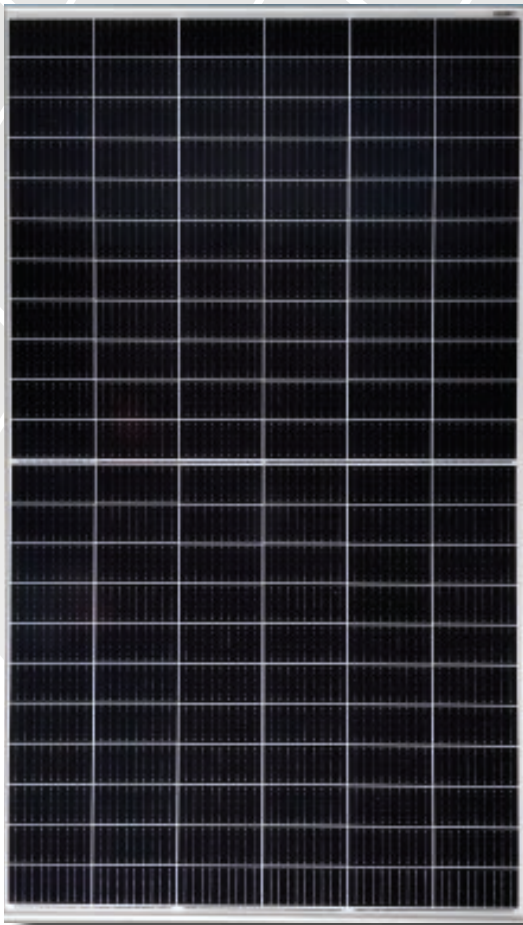


X-HALF CUT- HJT Heterojunction High Efficiency glass glass BIFACIAL modules Monocrystalline

680 - 685 - 690 - 695 - 700 - 710 Wp



HJT 132 Half-cut cells Multi Busbar



High Voltage 1500 Vdc



Double glass module with frame



Power tolerance



Product Warranty



Linear Warranty



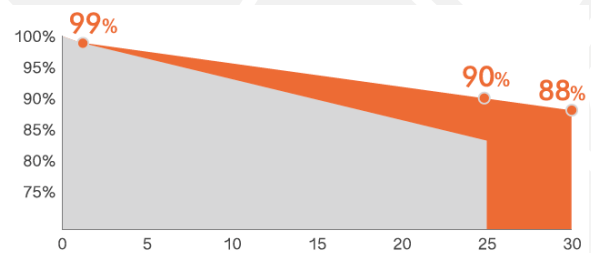
Max efficiency 22.53%



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. 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)

XMHCJE680BFDG+H XMHCJE685BFDG+H XMHCJE690BFDG+H XMHCJE695BFDG+H XMHCJE700BFDG+H XMHCJE710BFDG+H

Open circuit Voltage	(Voc)	49.50 V	49.66 V	49.82 V	49.98 V	50.13 V	50.44 V
Voltage a Pmax.	(Vmp)	41.49 V	41.65 V	41.80 V	41.95 V	42.10 V	42.39 V
Short-circuit current	(Isc)	17.19 A	17.25 A	17.31 A	17.37 A	17.43 A	17.55 A
Current at Pmax.	(Imp)	16.39 A	16.45 A	16.51 A	16.57 A	16.63 A	16.75 A
Peak Power (Pmax) Tolerance		680 Wp	685 Wp	690 Wp	695 Wp	700 Wp	710 Wp
Module Efficiency		21.89 %	22.05 %	22.21 %	22.37 %	22.53 %	22.86 %
Maximum voltage		1500 V DC	1500 V DC	1500 V DC	1500 V DC	1500 V DC	1500 V DC
Maximum series fuse rating		30A	30A	30A	30A	30A	30A
Operating Temperature		-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C

Tolerance electric measurement $\pm 3\%$

* STC (Standard test conditions)

Irradiance 1000 w/m², 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 - Connectors	4.0mm ² , 1400 mm in length

