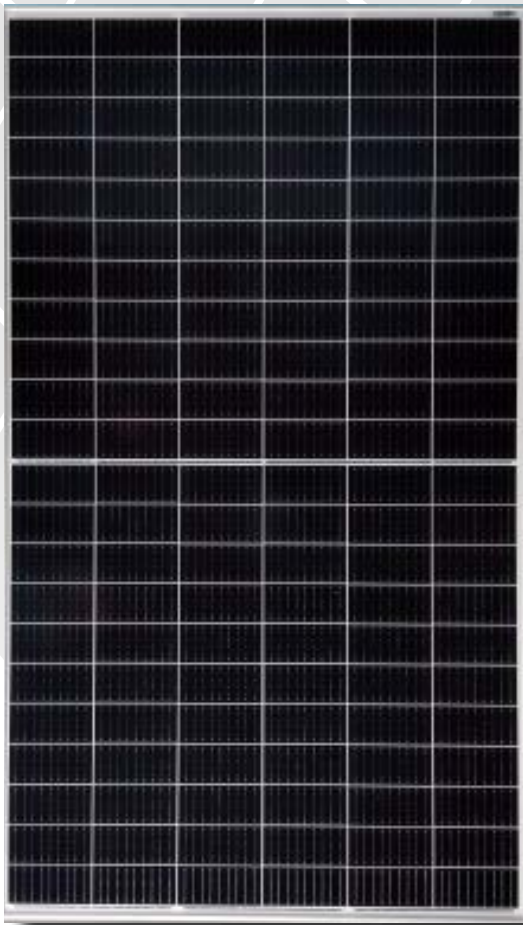




X-HALF CUT- HJT Heterojunction High Efficiency glass glass BIFACIAL modules Monocrystalline

700 - 705 - 710 - 715 - 720 - 725 Wp



HJT 132 Half-cut cells Multi Busbar



High Voltage 1500 Vdc



Double glass module with frame



0~3%

Power tolerance



Product Warranty



Linear Warranty



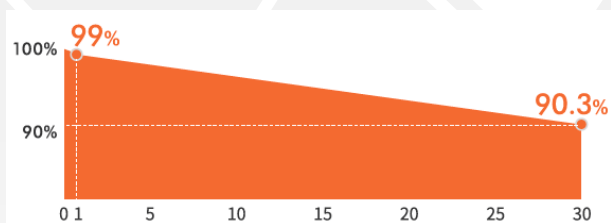
Max efficiency 23.30%



Extremely low Temp. Coefficient-0.24%/ °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 9001:2015
UNI EN ISO 14001:2015
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 | XMHCJE725BFDG+H |
|-----------------------------|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Open circuit Voltage | (Voc) | 49.77 V | 49.87 V | 49.97 V | 50.07 V | 50.17 V | 50.27 V |
| Voltage a Pmax. | (Vmp) | 41.78 V | 41.87 V | 41.96 V | 42.05 V | 42.14 V | 42.23 V |
| Short-circuit current | (Isc) | 17.81 A | 17.90 A | 17.99 A | 18.08 A | 18.17 A | 18.26 A |
| Current at Pmax. | (Imp) | 16.76 A | 16.84 A | 16.93 A | 17.02 A | 17.10 A | 17.18 A |
| Peak Power (Pmax) Tolerance | | 700 Wp | 705 Wp | 710 Wp | 715 Wp | 720 Wp | 725 Wp |
| Module Efficiency | | 22.50 % | 22.70 % | 22.90 % | 23.00 % | 23.20 % | 23.30 % |
| Maximum voltage | | 1500 V DC | | | | | |
| Maximum series fuse rating | | 35 A | | | | | |
| Operating Temperature | | -40°C - +85°C | | | | | |

STC : Irradiance 1000 w/m², Temperature 25°C, AM = 1.5 Tolerance electric measurement ±3%

BSTC

| | | | | | | | |
|-------------------------------|--|-------|-------|-------|-------|-------|-------|
| Maximum Power (Pmax/W) | | 785 | 790 | 796 | 801 | 807 | 813 |
| Open Circuit Voltage (Voc/V) | | 49.94 | 50.04 | 50.14 | 50.24 | 50.34 | 50.44 |
| Short Circuit Current(Isc/A) | | 19.97 | 20.07 | 20.18 | 20.28 | 20.38 | 20.48 |
| Operating Voltage (Vmp/V) | | 41.92 | 42.02 | 42.11 | 42.20 | 42.29 | 42.38 |
| Operating Current (Imp/A) | | 18.73 | 18.82 | 18.91 | 19.00 | 19.10 | 19.19 |

*BSTC: irradiation 1000 w/m², back side reflection irradiation 135W/m², Temperature 25°C, AM = 1.5

NOCT

| | | | | | | | |
|-------------------------------|--|-------|-------|-------|-------|-------|-------|
| Maximum Power (Pmax/W) | | 534 | 538 | 542 | 545 | 549 | 553 |
| Open Circuit Voltage (Voc/V) | | 47.50 | 47.60 | 47.69 | 47.79 | 47.88 | 47.98 |
| Short Circuit Current(Isc/A) | | 14.23 | 14.31 | 14.38 | 14.45 | 14.52 | 14.59 |
| Operating Voltage (Vmp/V) | | 39.90 | 40.00 | 40.07 | 40.14 | 40.23 | 40.32 |
| Operating Current (Imp/A) | | 13.39 | 13.46 | 13.53 | 13.60 | 13.67 | 13.73 |

*NOCT: irradiation 800 w/m², Temperature 20°C, AM = 1.5

TEMPERATURE COEFFICIENT

| | |
|------------------------------|------------|
| NOCT | 44 C ±2 C |
| Pmax Temperature Coefficient | -0.24%/ °C |
| Voc Temperature Coefficient | -0.22%/ °C |
| Isc Temperature Coefficient | 0.04% / °C |

MECHANICAL CHARACTERISTIC

| | |
|------------------|---------------------|
| Dimensions (mm) | 2384 x 1303 x 33 |
| Weight (Kg) | 37.9 |
| Solar cells type | HJT Mono 210x105 mm |
| No. solar cells | 132 |

PACKING CONFIGURATION

| | |
|-----------------------------|----------|
| Module per Pallet | 33 pcs. |
| Modules per container 40'HQ | 594 pcs. |

GENERAL INFORMATION

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

