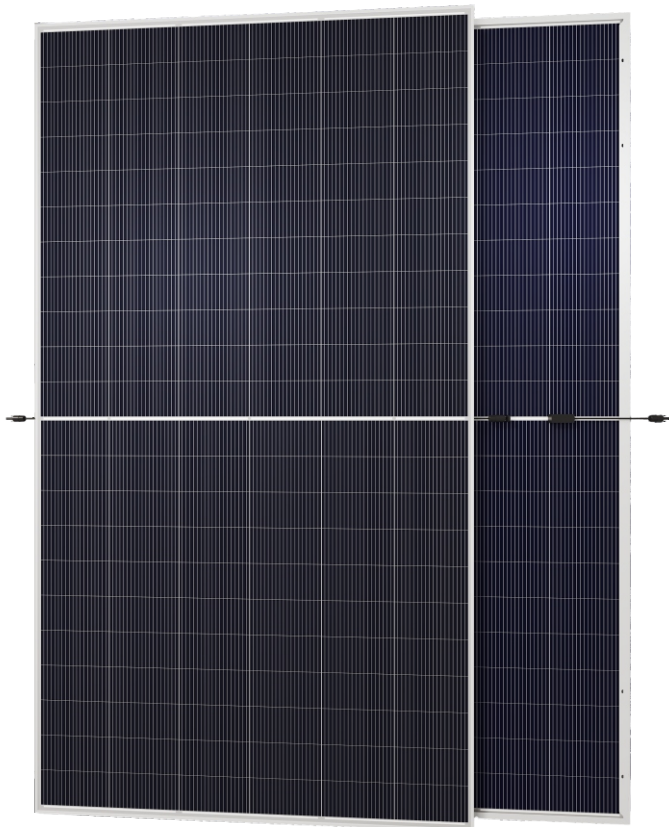


685-705W

N-Type Bifacial



Excellent temperature coefficient (Pmax): $-0.29/^{\circ}\text{C}$



Excellent low-light performance: extended power generation up to 1H or so in the morning and evening



Has lower LID/LeTID attenuation



With a bifacial rate of $80\% \pm 10\%$, the bifacial power gain significantly reduces the LCOE as the backside is exposed to more light.



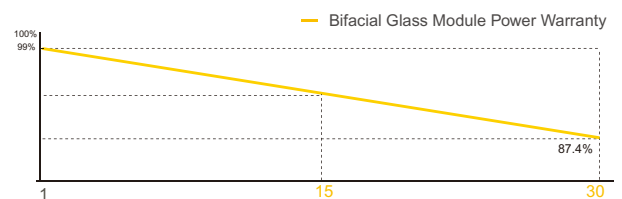
EU-28 WEEE COMPLIANT



Guarantee



Warranty



IEC61215:2021/IEC61730:2023

IEC61701/IEC62716/IEC60068/IEC62804

ISO9001:2015(Quality management systems)

ISO14001:2015(Environmental management systems)

ISO45001:2018(Occupational health and safety)

ISO14067:2018/PAS2050:2011

SPECIFICATION (STC) Irradiance at 1000 W/m², Cell Temp 25°C, Air Mass

| MODEL TYPE | ODA685-33V-MHD | ODA690-33V-MHD | ODA695-33V-MHD | ODA700-33V-MHD | ODA705-33V-MHD |
|------------------------------|----------------|----------------|----------------|----------------|----------------|
| Rated Peak Power-Pmax(Wp) | 685.00 | 690.00 | 695.00 | 700.00 | 705.00 |
| Maximum Power Voltage-Vmp(V) | 40.12 | 40.32 | 40.52 | 40.72 | 40.92 |
| Maximum Power Current-Imp(A) | 17.08 | 17.12 | 17.16 | 17.20 | 17.23 |
| Open Circuit Voltage-Voc(V) | 48.14±3% | 48.38±3% | 48.62±3% | 48.86±3% | 49.10±3% |
| Short Circuit Current-Isc(A) | 17.84±3% | 17.88±3% | 17.93±3% | 17.97±3% | 18.00±3% |
| Module Efficiency(%) | 22.06 | 22.22 | 22.38 | 22.54 | 22.70 |

ELECTRICAL DATA(NMOT) Irradiance at 800 W/m², Ambient Temp 20°C, Wind Speed 1 m/s.

| | | | | | |
|------------------------------|----------|----------|----------|----------|----------|
| Rated Peak Power-Pmax(Wp) | 520.00 | 523.00 | 527.00 | 531.00 | 535.00 |
| Maximum Power Voltage-Vmp(V) | 37.74 | 37.93 | 38.12 | 38.31 | 38.50 |
| Maximum Power Current-Imp(A) | 13.74 | 13.78 | 13.81 | 13.84 | 13.87 |
| Open Circuit Voltage-Voc(V) | 45.49±3% | 45.72±3% | 45.95±3% | 46.17±3% | 46.40±3% |
| Short Circuit Current-Isc(A) | 14.21±3% | 14.25±3% | 14.29±3% | 14.32±3% | 14.35±3% |

DOUBLE-SIDED POWER GENERATION PARAMETERS(REAR GAIN)

| | | | | | | |
|-----|----------------------|--------|--------|--------|--------|--------|
| 5% | Maximum Power(Pmax) | 719.25 | 724.50 | 729.75 | 735.00 | 740.25 |
| | Module Efficiency(%) | 23.16 | 23.33 | 23.50 | 23.67 | 23.84 |
| 15% | Maximum Power(Pmax) | 787.75 | 793.50 | 799.25 | 805.00 | 810.75 |
| | Module Efficiency(%) | 25.37 | 25.55 | 25.74 | 25.92 | 26.11 |
| 25% | Maximum Power(Pmax) | 856.25 | 862.50 | 868.75 | 875.00 | 881.25 |
| | Module Efficiency(%) | 27.58 | 27.78 | 27.98 | 28.18 | 28.38 |

MECHANICAL CHARACTERISTICS

| | |
|--------------------------------|-------------------------------------------------------------------------------|
| Cell Type (mm) | 210*105 N-Type Mono |
| No. Of Cells | 132(12*11) |
| Module Dimensions(mm) | 2384*1303*35 |
| Weight | 38.00 kg |
| Bifacial Glass Front Glass(mm) | 2.0mm AR Coating Tempered Glass |
| Bifacial Glass Back Glass(mm) | 2.0mm Glazed Glass |
| Frame | Anodized Aluminium Alloy(Silver) |
| Junction Box | IP68, 1500VDC, 3 Schottky Bypass Diodes |
| Cables | 4.0mm ² , Positive(+)350mm, Negative(-)350mm, Or Customized Length |
| Connector | IP68 |
| Snow Load/Wind Load | 5400Pa/2400Pa |
| Class Of Safety Protection | Class II |
| IEC Component Fire Rating | Class C |

OPERATING PARAMETERS

| | |
|--------------------------------------|------------|
| Maximum System Voltage | 1500V |
| Operational Temp | -40~+85 °C |
| Max Series Fuse Rating | 30A |
| Nominal Module Operating Temp (NMOT) | 45±2°C |

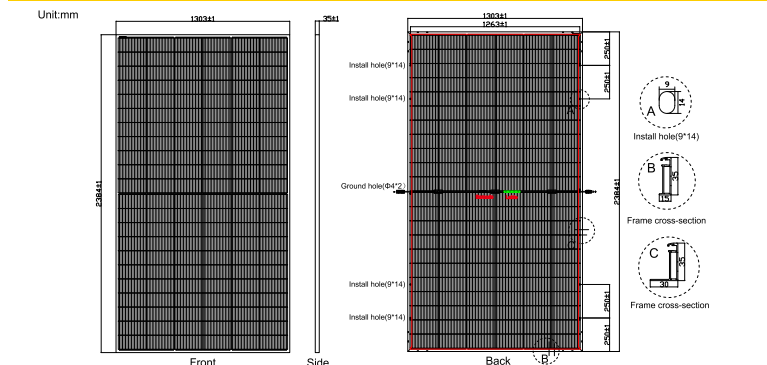
TEMP COEFFICIENT

| | |
|--------------------------|------------|
| Temp Coefficient Of Pmax | -0.290%/°C |
| Temp Coefficient Of Voc | -0.250%/°C |
| Temp Coefficient Of Isc | +0.041%/°C |

PACKING STANDARD 40ft (HQ)

| | |
|---------------------------------|-----|
| Number Of Modules Per Pallet | 31 |
| Number Of Pallets Per Container | 18 |
| Number Of Modules Per Container | 558 |

ASSEMBLY DRAWING



IV CURVE (700W)

