



630W

N-Type Bifacial



Excellent temperature coefficient (Pmax): $-0.290\%/^{\circ}\text{C}$



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



Has lower LID/LeTID attenuation



With a bifacial rate of $80\% \pm 5\%$, the bifacial power gain significantly reduces the LCOE as the backside is exposed to more light.



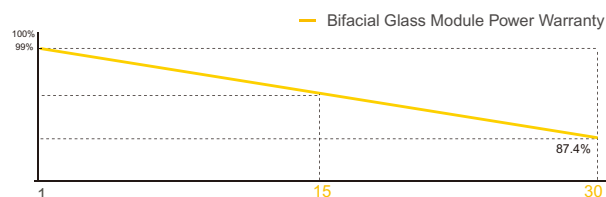
EU-28 WEEE COMPLIANT



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 AM1.5

MODEL TYPE ODA630-33V-MHDRz

Rated Peak Power-Pmax(Wp) 630.00

Maximum Power Voltage-Vmp(V) 41.55

Maximum Power Current-Imp(A) 15.16

Open Circuit Voltage-Voc(V) 48.88±3%

Short Circuit Current-Isc(A) 16.11±3%

Module Efficiency(%) 23.32

ELECTRICAL DATA(BNPI) Irradiance at 1000 W/m², Back irradiance 135 W/m², Cell Temp 25°C, Air Mass AM1.5

Rated Peak Power-Pmax(Wp) 698.00

Maximum Power Voltage-Vmp(V) 41.67

Maximum Power Current-Imp(A) 16.75

Open Circuit Voltage-Voc(V) 49.03±3%

Short Circuit Current-Isc(A) 17.80±3%

MECHANICAL CHARACTERISRTICS

Cell Type (mm) 182*105 N-Type Mono

No. Of Cells 132(12*11)

Module Dimensions(mm) 2382*1134*30

Weight 32.40 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 4.0mm², Positive(+)300mm, Negative(-)300mm, Or Customized Length

Connector IP68

Snow Load/Wind Load 5400Pa/2400Pa

Class Of Safety Protection Class II

IEC Component Fire Rating Class A

OPERATING PARAMETERS

Maximum System Voltage 1500V

Operational Temp -40~+85 °C

Max Series Fuse Rating 28A

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 +0.045%/°C

PACKING STANDARD 40ft (HQ)

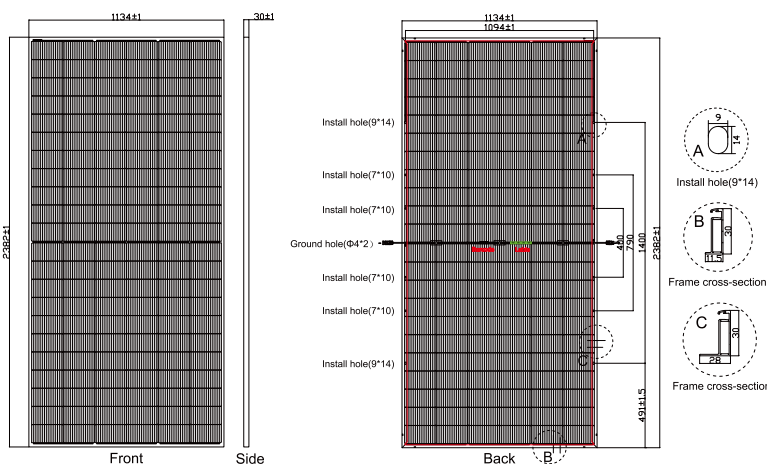
Number Of Modules Per Pallet 37

Number Of Pallets Per Container 20

Number Of Modules Per Container 740

ASSEMBLY DRAWING

Unit:mm



IV CURVE (630W)

