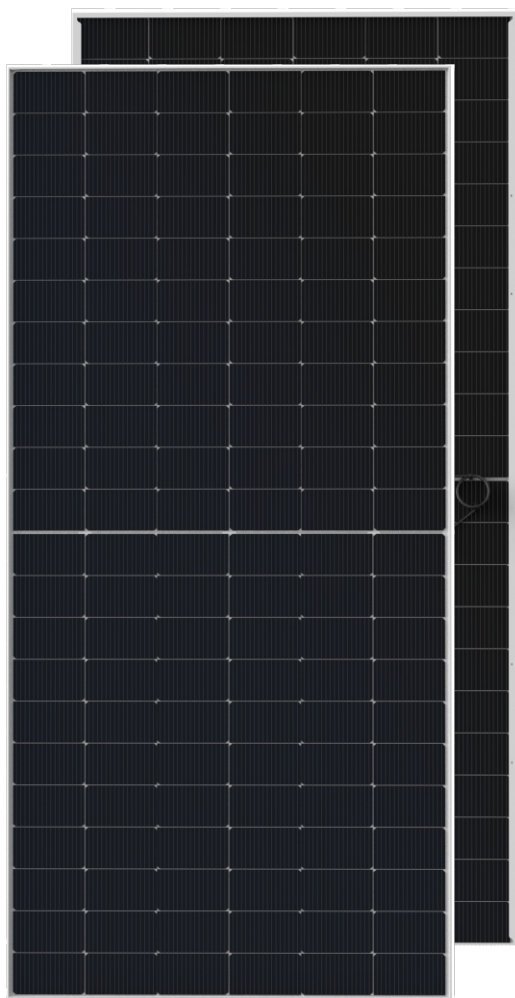


620W

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



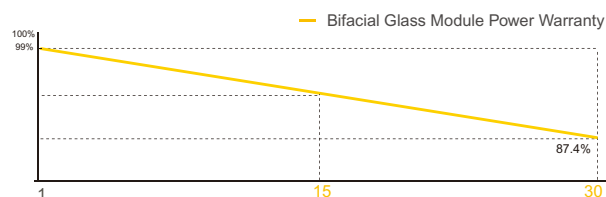
With a bifacial rate of $80\% \pm 10\%$, the bifacial power gain significantly reduces the LCOE as the backside is exposed to more light.



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 ODA620-33V-MHDRz

Rated Peak Power-Pmax(Wp) 620.00

Maximum Power Voltage-Vmp(V) 40.74

Maximum Power Current-Imp(A) 15.22

Open Circuit Voltage-Voc(V) 49.08±3%

Short Circuit Current-Isc(A) 16.08±3%

Module Efficiency(%) 23.00

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

Rated Peak Power-Pmax(Wp) 469.00

Maximum Power Voltage-Vmp(V) 38.54

Maximum Power Current-Imp(A) 12.17

Open Circuit Voltage-Voc(V) 46.43±3%

Short Circuit Current-Isc(A) 12.84±3%

DOUBLE-SIDED POWER GENERATION PARAMETERS(REAR GAIN)

5% Maximum Power(Pmax) 651.00
Module Efficiency(%) 24.15

15% Maximum Power(Pmax) 713.00
Module Efficiency(%) 26.45

25% Maximum Power(Pmax) 775.00
Module Efficiency(%) 28.75

MECHANICAL CHARACTERISTICS

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(+)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 +0.045%/°C

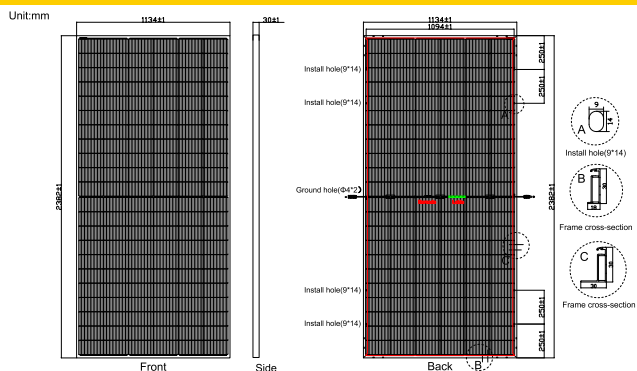
PACKING STANDARD 40ft (HQ)

Number Of Modules Per Pallet 37

Number Of Pallets Per Container 20

Number Of Modules Per Container 740

ASSEMBLY DRAWING



IV CURVE (620W)

