

610W

N-Type Monofacial



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



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



Has lower LID/LeTID attenuation



Excellent mechanical load resistance, 2400Pa wind load, 5400Pa snow load



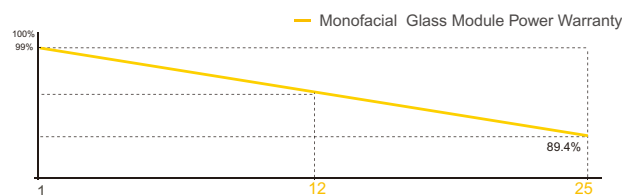
IEC61215:2021/IEC61730:2023
IEC61701/IEC62716/IEC60068/IEC62804
ISO9001:2015(Quality management systems)
ISO14001:2015(Environmental management systems)
ISO45001:2018(Occupational health and safety)
ISO14067:2018/PAS2050:2011



Guarantee



Warranty



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

MODEL TYPE	ODA610-33V-MHRz
Rated Peak Power-Pmax(Wp)	610.00
Maximum Power Voltage-Vmp(V)	40.46
Maximum Power Current-Imp(A)	15.08
Open Circuit Voltage-Voc(V)	48.68±3%
Short Circuit Current-Isc(A)	15.96±3%
Module Efficiency(%)	22.60

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

Rated Peak Power-Pmax(Wp)	462.00
Maximum Power Voltage-Vmp(V)	38.28
Maximum Power Current-Imp(A)	12.07
Open Circuit Voltage-Voc(V)	46.05±3%
Short Circuit Current-Isc(A)	12.73±3%

MECHANICAL CHARACTERISTICS

Cell Type (mm)	182*105 N-Type Mono
No. Of Cells	132(12*11)
Module Dimensions(mm)	2382*1134*30
Weight	28.20kg
Monofacial Glass Front Glass(mm)	3.2mm AR Coating Tempered 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

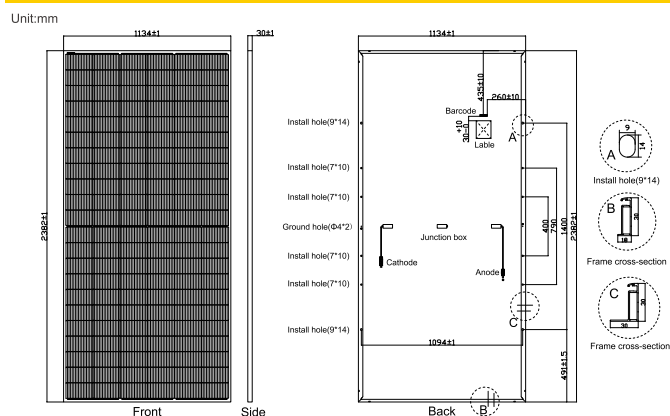
TEMP COEFFICIENT

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 (610W)

