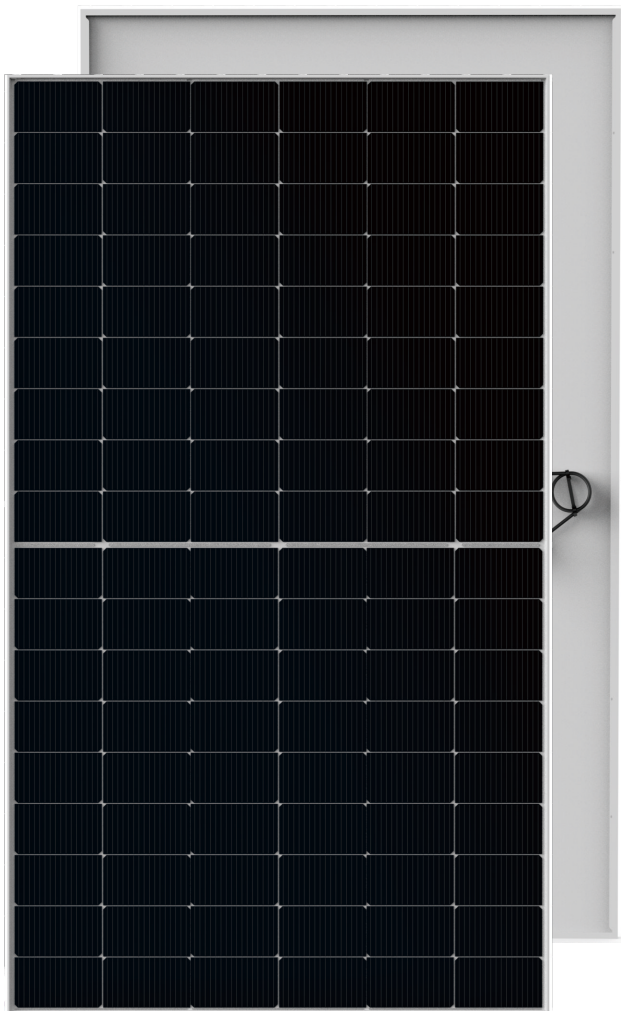




535W

N-Type Monofacial



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



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



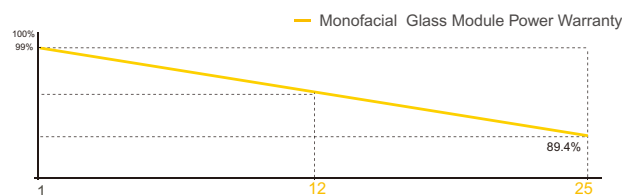
Guarantee



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



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SPECIFICATION (STC) Irradiance at 1000 W/m², Cell Temp 25°C, Air Mass AM1.5

MODEL TYPE	ODA515-27V-MHRz	ODA520-27V-MHRz	ODA525-27V-MHRz	ODA530-27V-MHRz	ODA535-27V-MHRz
Rated Peak Power-Pmax(Wp)	515.00	520.00	525.00	530.00	535.00
Maximum Power Voltage-Vmp(V)	33.75	33.81	33.87	33.93	33.99
Maximum Power Current-Imp(A)	15.26	15.38	15.50	15.62	15.74
Open Circuit Voltage-Voc(V)	39.71±3%	39.78±3%	39.85±3%	39.92±3%	39.99±3%
Short Circuit Current-Isc(A)	16.21±3%	16.34±3%	16.47±3%	16.60±3%	16.72±3%
Module Efficiency(%)	23.15	23.37	23.60	23.83	24.04

MECHANICAL CHARACTERISTICS

Cell Type (mm)	182*210 N-Type Mono
No. Of Cells	108(12*9)
Module Dimensions(mm)	1962*1134*30
Weight	22.90kg
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	4.0mm ² , 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 C

TEMP COEFFICIENT

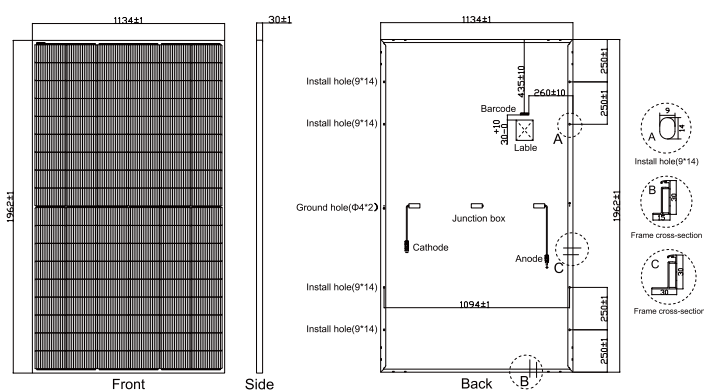
Temp Coefficient Of Pmax	-0.290%/°C
Temp Coefficient Of Voc	-0.250%/°C
Temp Coefficient Of Isc	+0.045%/°C

PACKING STANDARD 40ft (HQ)

Number Of Modules Per Pallet	37
Number Of Pallets Per Container	22
Number Of Modules Per Container	814

ASSEMBLY DRAWING

Unit:mm



OPERATING PARAMETERS

Maximum System Voltage	1500V
Operational Temp	-40~+85 °C
Max Series Fuse Rating	20A
Nominal Module Operating Temp (NMOT)	45±2°C

IV CURVE (530W)

