

655W

N-Type Monofacial



Excellent temperature coefficient (Pmax): -0.290%/°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



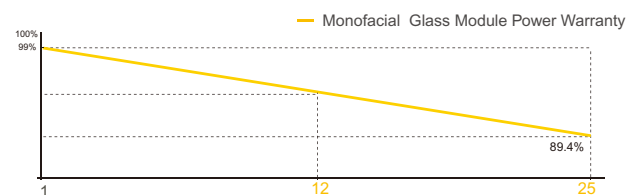
IEC61215:2021/IEC61730:2023
IEC61701/IEC62716/IEC60068/IEC62804
ISO9001:2015(Quality management systems)
ISO14001:2015(Environmental management systems)
ISO45001:2018(Occupational health and safety)
ISO14067:2018/PAS2050:2011



Guarantee



Warranty



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

MODEL TYPE	ODA635-33V-MHRz	ODA640-33V-MHRz	ODA645-33V-MHRz	ODA650-33V-MHRz	ODA655-33V-MHRz
Rated Peak Power-Pmax(Wp)	635.00	640.00	645.00	650.00	655.00
Maximum Power Voltage-Vmp(V)	41.60	41.70	41.91	41.80	41.91
Maximum Power Current-Imp(A)	15.27	15.35	15.39	15.55	15.63
Open Circuit Voltage-Voc(V)	48.94±3%	49.06±3%	49.31±3%	49.18±3%	49.30±3%
Short Circuit Current-Isc(A)	16.22±3%	16.31±3%	16.35±3%	16.52±3%	16.61±3%
Module Efficiency(%)	23.51	23.70	23.88	24.06	24.25

MECHANICAL CHARACTERISTICS

Cell Type (mm)	182*210 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	4.0mm 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

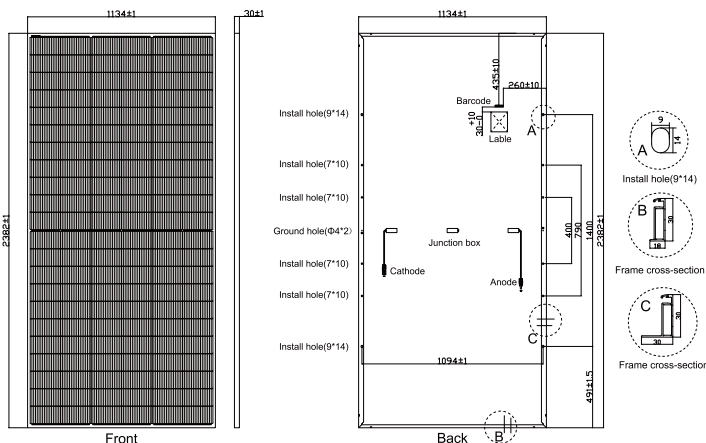
Temp Coefficient Of Pmax	-0.290%/°C
Temp Coefficient Of Voc	-0.250%/°C
Temp Coefficient Of Isc	+0.045%/°C

PACKING STANDARD 40ft (HQ)

Number Of Modules Per Pallet	37
Number Of Pallets Per Container	20
Number Of Modules Per Container	740

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 (650W)

