

# 515-535W

N-Type Monofacial



Excellent temperature coefficient (Pmax): -0.29/°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



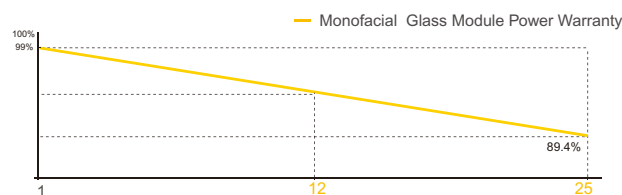
IEC61215:2021/IEC61730:2023  
IEC61701/IEC62716/IEC60068/IEC62804  
ISO9001:2015(Quality management systems)  
ISO14001:2015(Environmental management systems)  
ISO45001:2018(Occupational health and safety )  
ISO14067:2018/PAS2050:2011



Guarantee



Warranty



NINGBO OSDA SOLAR CO., LTD.

☎ 400-1009967 | 🌐 [www.osdasol.com](http://www.osdasol.com) | ✉ [sales@osdasol.com](mailto:sales@osdasol.com)

📍 Building F0001, No. 77, Zhuangxing Road, Jiangbei District, Ningbo City, Zhejiang Province, China

**SPECIFICATION (STC)** Irradiance at 1000 W/m<sup>2</sup>, 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 <sup>2</sup> , 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**

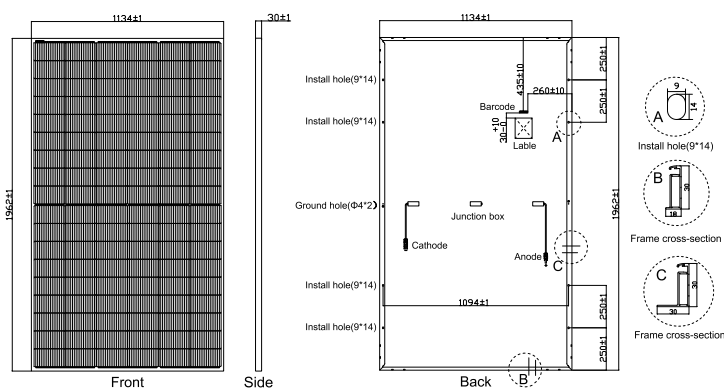
|                          |            |
|--------------------------|------------|
| Temp Coefficient Of Pmax | -0.290%/°C |
| Temp Coefficient Of Voc  | -0.250%/°C |
| Temp Coefficient Of Isc  | +0.045%/°C |

**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)**

