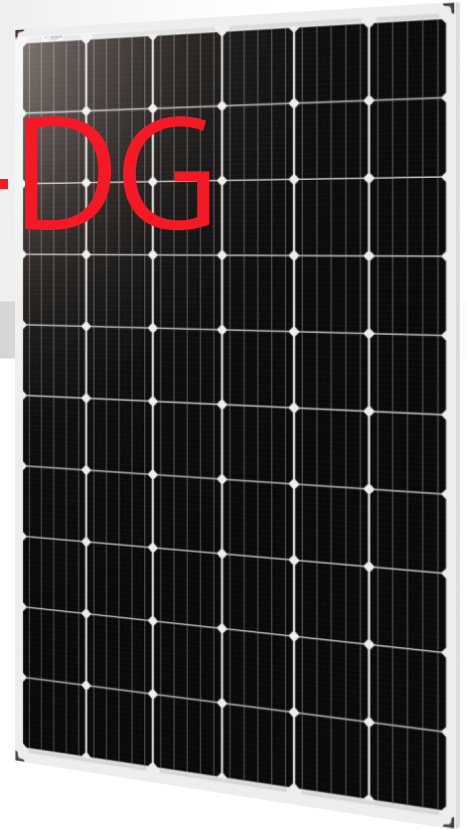


NCS

Your Energy
Nice Sun

NCS-6BM-DG



Dual Glass Mono Crystalline Solar Module

60pcs solar cells layout

305W-330W Positive Sorting

100% A Grade Solar Cells

OEM/ODM Available

Key Features



Enhanced safety by excellent fire resistance due to double glass structure.



Withstand up to 1500V system voltage, effectively reduce the BOS cost.



More power yield, more returns due to lower annual power degradation.



Double glass and frameless design to make micro-cracks, snail trails and dust free, reduce the O/M cost.



Selected encapsulating materials and stringent production process control ensures highly PID resistant.

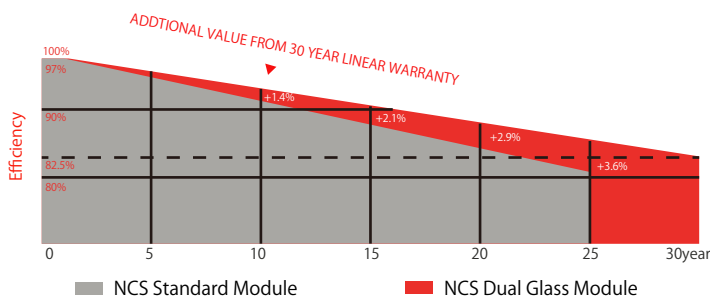


Excellently withstanding harsh environment, such as salt mist, sand mist as well as ammonia and etc.



Flexible cells layout design to meet different needs of transmittance.

Warranty



12 YEARS Guarantee on product material and workmanship

30 YEARS Linear power output warranty

Company Introduction

Levo solar, founded in the year of 2010, belongs to Nice Sun PV Group, which is a comprehensive manufacturer of crystalline silicon of photovoltaic wafers, cells and modules. Our own vertical supply chain makes our modules more cost-effective in the international market.

With our own engineering team, we could provide one-stop solution to all the solar needs of our clients. We will cooperate closely with our partners worldwide to contribute to a better green world by providing affordable solar energy.

Why Levo Solar

- ◆ Our own vertical pv products supply chain makes our modules more cost-effective in the market.
- ◆ Variety kinds of modules to meet the diversified needs of our clients.
- ◆ Highly automated production lines enables us to supply modules with constant quality.
- ◆ 100% two times EL test to make sure our customers receive the most optimal solar modules.
- ◆ Stringent supplier audit and control as well as the BOM quality testing contributes to our high quality solar modules from the very beginning.

Certificates



NCS reserve the right to change specifications without notification.

NCS-6BM-DG 305W-330W Dual Glass Mono Crystalline Solar Module

Electrical Specification (STC*)

| | | | | | | |
|----------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power -Pmax(W) : | 305W | 310W | 315W | 320W | 325W | 330W |
| Maximum Power Voltage-Vmp(V): | 32.60 | 32.80 | 33.00 | 33.20 | 33.40 | 33.60 |
| Maximum Power Current-Imp(A): | 9.36 | 9.46 | 9.56 | 9.66 | 9.76 | 9.86 |
| Open Circuit Voltage -Voc(V): | 39.70 | 39.90 | 40.10 | 40.30 | 40.50 | 40.70 |
| Short Circuit Current-Isc(A): | 9.87 | 9.96 | 10.04 | 10.07 | 10.13 | 10.18 |
| Module Efficiency - η m(%): | 18.54 | 18.85 | 19.15 | 19.46 | 19.76 | 20.06 |
| Power Output Tolerance (W): | | | | | | 0~+5W |

STC:Irradiance:1000W/m², Module Temperature:25°C,Air Mass:1.5

Electrical Specification (NOCT*)

| | | | | | | |
|-------------------------------|---------|---------|---------|---------|---------|---------|
| Maximum Power -Pmax(W) : | 227.70W | 230.89W | 235.31W | 239.42W | 243.78W | 247.64W |
| Maximum Power Voltage-Vmp(V): | 30.40 | 30.50 | 30.80 | 31.05 | 31.30 | 31.55 |
| Maximum Power Current-Imp(A): | 7.49 | 7.57 | 7.64 | 7.71 | 7.78 | 7.85 |
| Open Circuit Voltage -Voc(V): | 37.00 | 37.10 | 37.30 | 37.50 | 37.70 | 37.90 |
| Short Circuit Current-Isc(A): | 7.98 | 8.05 | 8.11 | 8.16 | 8.22 | 8.29 |

NOCT:Irradiance:800W/m², Ambient Temperature:20°C,Air Mass:1.5,Wind Speed:1m/s

Mechanical Specifications:

| | |
|-------------------|---|
| Solar Cell Type: | Mono-crystalline 156.75x156.75mm |
| Number of Cells: | 60pcs (10x6) |
| Module Size: | 1658*992*6mm |
| Weight: | 23kg |
| Front Glass: | High transparency self-cleaning solar glass 2.5mm |
| Back Glass: | Float solar glass 2.5mm |
| Inter-layer: | EVA |
| Junction Box: | IP68 |
| Number of Diodes: | 3pcs |
| Cable: | 4.0mm ² 500mm |
| Connector: | MC4 Compatible |
| Wind/Snow Load: | 2400pa/5400pa |

Temperature Coefficient:

| | |
|------------------------------------|-----------|
| Nominal Operating Cell Temp(NOCT): | 45±2°C |
| Temperature Coefficient of ISC: | 0.055%/°C |
| Temperature Coefficient of VOC: | -0.33%/°C |
| Temperature Coefficient of Pmax: | -0.42%/°C |

Maximum Ratings

| | |
|-----------------------------|----------|
| Operational Temperature: | -40~85°C |
| Maximum System Voltage: | 1500V |
| Maximum Series Fuse Rating: | 20A |

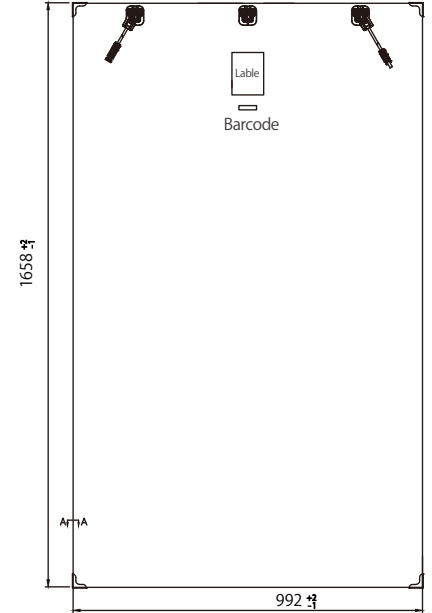
Optional:

| | |
|---------------|------------------------------|
| Junction box: | Smart Junction box available |
| Connector: | MC4 Original |
| Inter-layer: | POE |
| Frame: | Frame can be required |

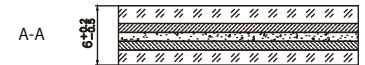
Packaging Information:

| | |
|------------------|--------|
| Number per Box: | 33PCS |
| Number per 20GP: | 462PCS |
| Number per 40GP: | 858PCS |

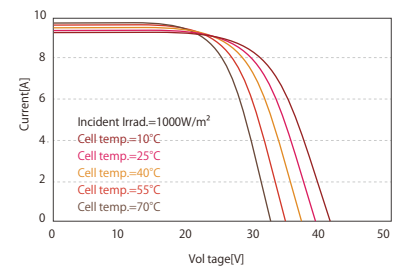
Engineering Drawings



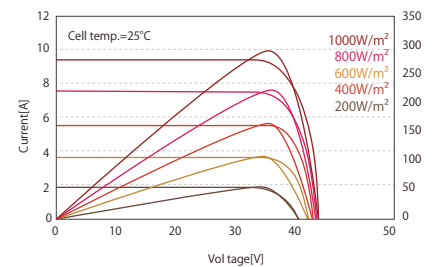
Back View



U-I Curve at Different Temperature (290W)



U-I/P-U Curve at Different Irradiation (290W)



CAUTION:READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

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