

Full black Module- half cell

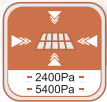
350W/355W/360W/365W/370W



Highest power output



Easy Installation and Handling for Various Application



Heavy snow load up to 5400 Pa,  
wind load up to 2400 Pa



Conforms with IEC 61215, IEC 61730, UL 61730

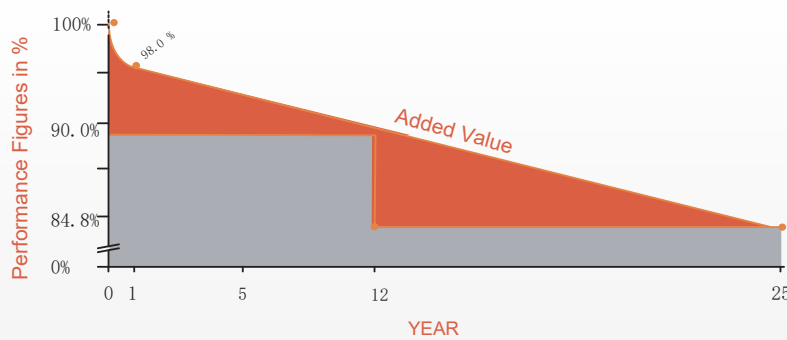
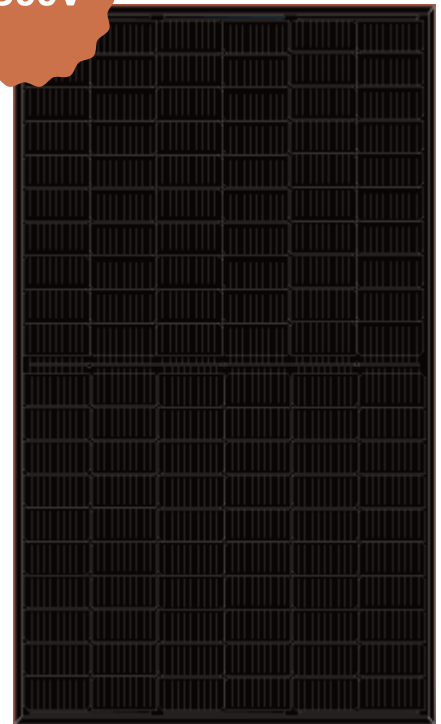


ISO9001, ISO14001, ISO45001



Application Class A, Safety Class II, Fire Class Rating A

1500V



12-year  
material & workmanship

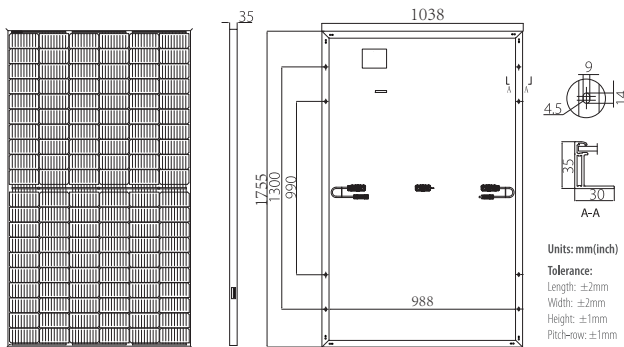
25-year  
linear power output



# Mono Bifacial Module

350W/355W/360W/365W/370W

## Dimension



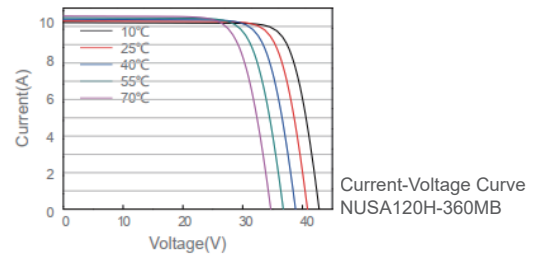
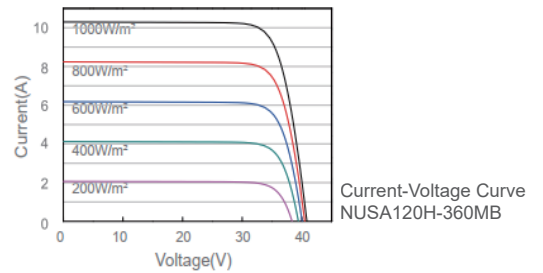
Front

Side

Back



## I-V Curves



| Electrical Characteristics     | NUSA120H-350MB  | NUSA120H-355MB | NUSA120H-360MB | NUSA120H-365MB | NUSA120H-370MB |
|--------------------------------|---|----------------|----------------|----------------|----------------|
| Maximum Power (Pmax)[W]        | 350   | 355            | 360            | 365            | 370            |
| Maximum Power Voltage (Vmp)[V] | 33.60   | 33.80          | 34.00          | 34.20          | 34.40          |
| Maximum Power Current (Imp)[A] | 10.42   | 10.51          | 10.59          | 10.68          | 10.76          |
| Open Circuit Voltage (Voc)[V]  | 41.10   | 41.30          | 41.50          | 41.70          | 41.90          |
| Short Circuit Current (Isc)[A] | 11.01   | 11.08          | 11.15          | 11.22          | 11.29          |
| Module Efficiency[%]           | 19.21   | 19.49          | 19.76          | 20.04          | 20.31          |
| Power Tolerance                | 0/+5W   |                |                |                |                |
| STC                            | Irradiance of 1000W/m <sup>2</sup> , AM1.5, cell Temperature 25°C |                |                |                |                |

\*Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

| Electrical Characteristics     | NUSA120H-350MB  | NUSA120H-355MB | NUSA120H-360MB | NUSA120H-365MB | NUSA120H-370MB |
|--------------------------------|---|----------------|----------------|----------------|----------------|
| Maximum Power (Pmax)[W]        | 263   | 266            | 270            | 274            | 278            |
| Maximum Power Voltage (Vmp)[V] | 31.20   | 31.4           | 31.60          | 31.80          | 32.00          |
| Maximum Power Current (Imp)[A] | 8.43  | 8.49           | 8.56           | 8.62           | 8.69           |
| Open Circuit Voltage (Voc)[V]  | 37.90   | 38.20          | 38.40          | 38.50          | 38.70          |
| Short Circuit Current (Isc)[A] | 8.82  | 8.98           | 9.04           | 9.10           | 9.17           |
| NOCT                           | Irradiance of 800W/m <sup>2</sup> , AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s. |                |                |                |                |

\*For NexTracker installations static loading performance: front load measures 5400Pa, while back load measures 2400Pa.

## Mechanical Characteristics

|                      |  |
|----------------------|--|
| Cell Type            | Mono perc, 166mm-half cells, 120(6x10+6x10)                |
| Weight               | 20.3kg   |
| Dimension            | 1755(±2mm) x 1038(±2mm) x 35(±1mm)                         |
| Superstructure       | High Transmission, Low Iron & Semi-Tempered Glass (3.2 mm) |
| Frame & Installation | Anodized aluminum profile                                  |
| Junction box         | 300 mm in length or customized length                      |
| Connector            | Compatible with MC4  |

## Characteristics

|  |            |
|--|------------|
| Temperature Coefficient of Voc           | -0.304%/°C |
| Temperature Coefficient of Isc           | +0.050%/°C |
| Temperature Coefficient of Pmax          | -0.360%/°C |
| Nominal Operating cell Temperature(NOCT) | 42°C±2°C   |

## Packing Information

|                       |        |        |
|-----------------------|--------|--------|
| Container             | 20' GP | 40' HC |
| Pallets per Container | 6      | 26     |
| Pieces per Container  | 186    | 806    |

## Maximum Ratings

|                            |              |
|----------------------------|--------------|
| Operating Temperature      | -40°C~+85°   |
| Maximum System Voltage     | 1500VDC (EU) |
| Maximum Series Fuse Rating | 20A (EU)     |



Production factory : PT IDN SOLAR TECH

Premium cell, Premium Modules  
Version No: NUSA\_EN\_20210218

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