

### Main Features



#### Building materials design standards

Designed as per green building materials standards  
30-Year power output



#### Half-cut technology, full black appearance

Simple full black design, excellent cell hidden technology



#### Intelligent safety guarantee

Module safety shutdown, power optimization and monitoring functions



#### Reduce shading loss

Half-cut cell + intelligent optimization technology  
Avoid the influence of shading, reduce the loss of power



#### Easy Installation

The module design is easy for installation and could achieve a flat & full installation.

### Product Certificates



### Contact Us

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# Xihe Smart PV Module

DDP315~DDP325

Launched for  
intelligent & green buildings

## Electrical performance parameters

| Model                         | DDP315 | DDP320 | DDP325 |
|-------------------------------|--------|--------|--------|
| Maximum power (Pm/Wp)         | 315    | 320    | 325    |
| Maximum power voltage (Vmp/V) | 29.3   | 29.4   | 29.5   |
| Maximum power current (Imp/A) | 10.75  | 10.88  | 11.00  |
| Open circuit voltage (Voc/V)  | 35.9   | 36     | 36.1   |
| Short circuit current (Isc/A) | 11.54  | 11.60  | 11.66  |
| Module efficiency (%)         | 19.0   | 19.3   | 19.6   |

## Mechanical performance parameters

|                               |   |  |  |
|-------------------------------|---|--|--|
| Cell Nos & array              | Mono half-cut cells 108 (6*9*2)                     |  |  |
| Appearance color              | Black   |  |  |
| Cable                         | 4mm <sup>2</sup> , negative 1000mm, positive 1000mm |  |  |
| Module weight(kg)             | 19  |  |  |
| Module dimension(L*W*H)(mm)   | 1600*1036*5mm                                       |  |  |
| Packing                       | 33pcs/pallet  |  |  |
| Power optimizer matching form | 2 modules equipped with 1 optimizer                 |  |  |

## Quality parameters

|                                       |                            |
|---------------------------------------|----------------------------|
| Module working temperature range (°C) | -40~+85                    |
| Power tolerance (W)                   | 0~+5                       |
| Maximum system voltage (V)            | DC1500                     |
| System maximum protection current (A) | 20                         |
| NOCT(°C)                              | 45 ± 2                     |
| Front/rear static loads(Pa)           | 2400/2400                  |
| Protection grade of junction box      | Ip68, split/MC4 compatible |

## Temperature coefficient (STC)

|                                |           |
|--------------------------------|-----------|
| Temperature coefficient of Voc | -0.3%/°C  |
| Temperature coefficient of Isc | +0.06%/°C |
| Temperature coefficient of Pm  | -0.39%/°C |

Test condition: irradiance=(1+0.1BIFI)1000W/m<sup>2</sup>, ambient temperature=25°C, AM=1.5

## Quality warranty

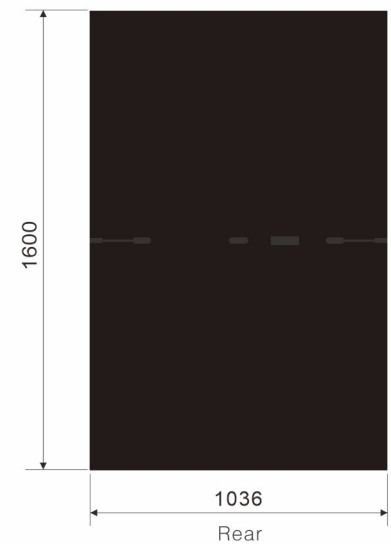
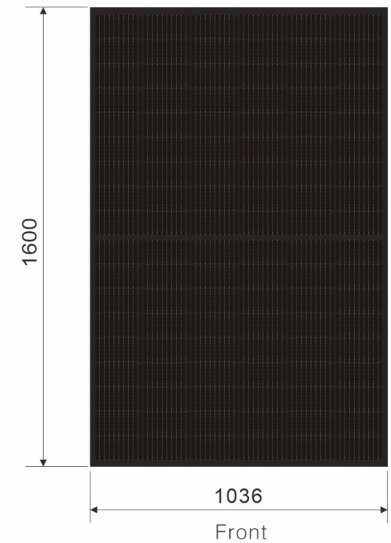
10-year materials&workmanship warranty

30-year linear power warranty

Attention:Read safety and installation instructions before using.

The parameters in this sheet are subject to change without prior notice.

## Module dimension (mm)



## I-V curve(315W)

