



Main Features



Building materials design standards

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



Half-cut technology

More power generation, more artistic, power gain increased markedly with the back light gain



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

DDP315~325(K)

Launched for
intelligent & green buildings

Electrical performance parameters

Model	DDP315(K)	DDP320(K)	DDP325(K)
Maximum power (Pm/Wp)	315	320	325
Maximum power voltage (Vm/V)	29.3	29.4	29.5
Maximum power current (ImA/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 (%)	18.8	19.1	19.4

Mechanical performance parameters

Cell Nos & array	Mono half-cut cells 108 (6*9*2)
Appearance color	Black
Cable	4mm ² , negative 1000mm, positive 1000mm
Module weight(kg)	20
Module dimension(L*W*H)(mm)	1606*1042*30mm
Packing	30pcs/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)	2400/3600
Protection grade of junction box	IP68, split/MC4 compatible

Temperature coefficient (STC)

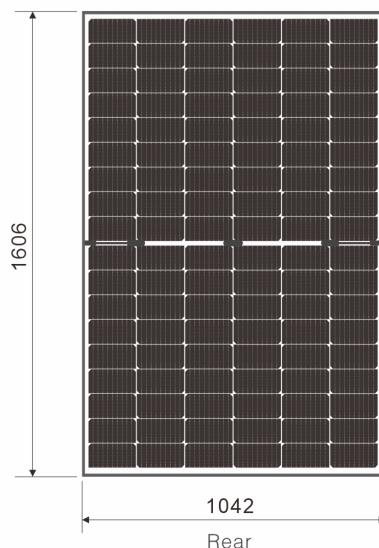
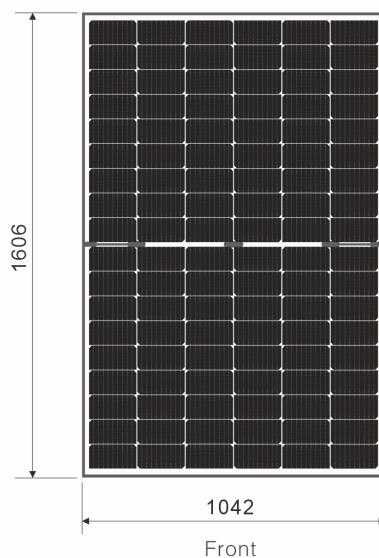
Temperature coefficient of Voc	-0.3%/°C
Temperature coefficient of Isc	+0.06%/°C
Temperature coefficient of Pm	-0.39%/°C
Test condition: irradiance=(1+0.1BiFi)1000W/m ² , ambient temperature=25°C, AM=1.5	

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)

