



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

DDP315~325(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 (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 (%)	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)	DC 1500
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/m², ambient temperature=25°C, AM=1.5

Quality warranty

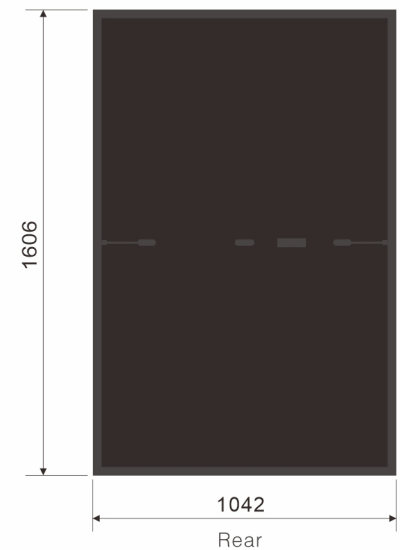
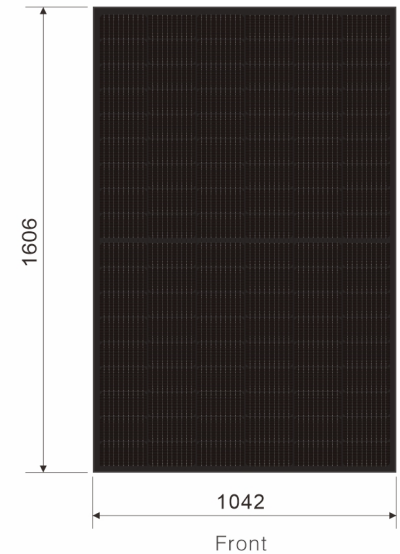
10-year materials&workmanship warranty

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)

