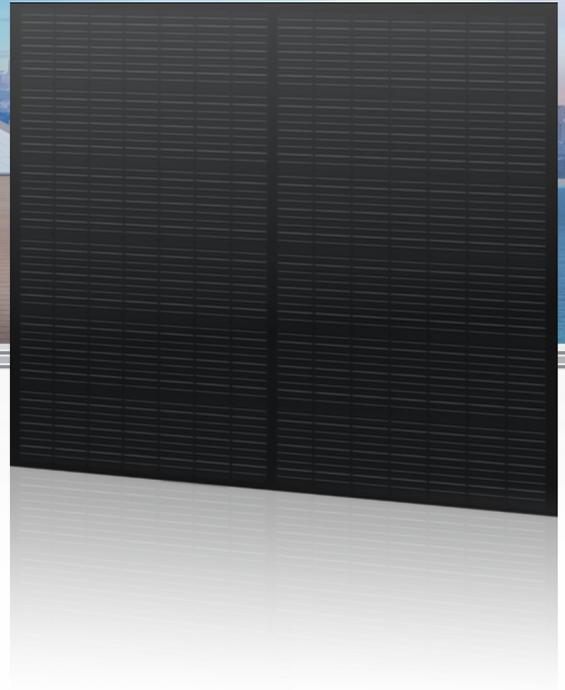




Launched for
intelligent & green buildings



Main Features



Building materials design standards

Designed as per green building materials standards
30-Year power output, 50-Year operating lifetime



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

Sales Hotline:

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Electrical performance parameters

Model	DDN230	DDN235	DDN240	DDN245	DDN250
Maximum power (Pm/Wp)	230	235	240	245	250
Maximum power voltage (Vmp/V)	22.35	22.5	22.6	22.8	23.0
Maximum power current (Imp/A)	10.29	10.45	10.62	10.75	10.86
Open circuit voltage (Voc/V)	26.45	26.65	26.85	27.05	27.25
Short circuit current (Isc/A)	11.15	11.3	11.45	11.60	11.75
Module efficiency (%)	17.6	18.0	18.4	18.8	19.2

Mechanical performance parameters

Cell Nos & array	Mono half-cut cells 84 (6*7*2)
Appearance color	black
Cable	4mm ² , negative 1200mm, positive 1200mm
Module weight(kg)	15
Module dimension(L*W*H)(mm)	1260*1036*5mm
Packing	33pcs/pallet

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)	5400/2400
Protection grade of junction box	IP68

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

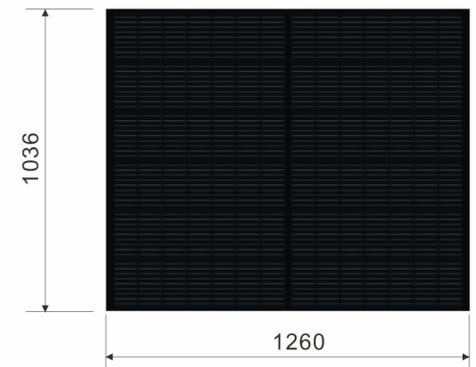
Quality warranty

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)



Front side



Back side

I-V curve(250W)

