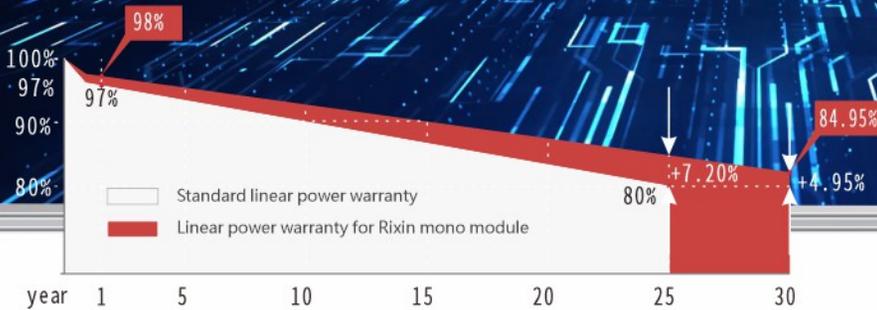


Launched for
intelligent & green buildings

BIPV

BIPV Components Monocrystalline Laminated Glass

DDY460(M)~DDY500(M)



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

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BIPV Components

Monocrystalline Laminated Glass

DDY460(M)~DDY500(M)

Electrical performance parameters

Model	DDY460(M)	DDY470(M)	DDY480(M)	DDY490(M)	DDY500(M)
Maximum power (Pm/Wp)	460	470	480	490	500
Maximum power voltage (Vmp/V)	44.7	45	45.2	45.6	46
Maximum power current (Imp/A)	10.29	10.45	10.62	10.75	10.86
Open circuit voltage (Voc/V)	52.9	53.3	53.7	54.1	54.5
Short circuit current (Isc/A)	11.15	11.30	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 2*84 (6*7*2)
Appearance color	black
Cable	4mm ² , negative1200mm, positive1200mm
Module weight(kg)	33
Module dimension(L*W*H)(mm)	2075*1260*31mm
Packing	30pcs/pallet

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)	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

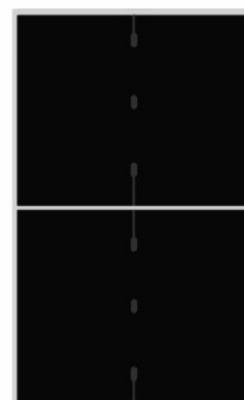
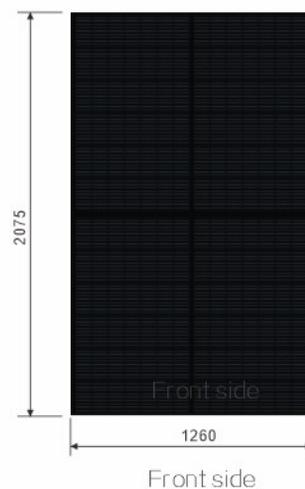
Quality warranty

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)



I-V curve(500W)

