日新科技
RIXIN TECHNOLOGY

Stock code：835679

PRODUCT MANUAL

Wuhan Rixin Technology Co.,Ltd

Mission:
To contribute clean energy to the society.
To create a better life for employees & lasting profits for shareholders.

Vision:
To be a first-class supplier of PV new energy integrated solutions.

Value:
Cooperation
Innovation
Integrity
Service
Good quality

CONTENTS

PV New Energy Integrated solutions Provider

20+Years
Professional service

10000+
Global projects

50+
Countries/regions

Founded in 2001 in Wuhan, China, Rixin Technology operates as a global solar power provider, as well as one of the China's leading crystalline silicon PV modules manufacturer, has been committed to developing clean energy. Rixin Technology has over 180000m2 manufacturing bases, 3 wholly owned subsidiaries and over 10 holding companies, more than 500 employees. Through its rational investment and industrial, Rixin Technology has formed an entire chain including R&D of core technology, PV module production, to "photovoltaic +" project development, design, construction, intelligent operation and maintenance, investment and financing. Its technological strength is shown through its title of National Hi-tech Enterprise and Hubei province PV Research Center.

After 22 years development, Rixin Technology has completed more than 1500 PV power plants, and built good business relationship with the clients all over the world. The full range of Rixin Technology's products cover BIPV, PV modules, household power generation system, commercial distributed generation system, and utility-scale power system. Rixin Technology's products have obtained TUV, CE, CCC, CQC etc. certificates.

With the concept of "cooperation, innovation, integrity, and service", Rixin Technology provides you with green clean energy and contributes to your dreaming home!

Wuhan Headquarter

Huangshi Production Base

02

High Efficiency Solar Modules

N-type Mono Bifacial Double Glass Module(framed) DDG(N)560-580(K)
PERC Mono Bifacial Double Glass Module(framed) DDG(P)535~555(K)
PERC Mono Module DBG535~DBG555
PERC Mono Module DBP400~DBP415

日新科技
RIXIN TECHNOLOGY

N-type Mono Bifacial Double Glass Module(framed)

DDG(N)560-580(K)

Key Features

High Efficiency & Reliability

N-Type solar cell , TOPCon technology
Lower LID/LETID power degradation

Bifacial Power Generation

Additional power gain from rear side, up to 25%
Significantly reducing LCOE

High Reliability

Strict quality control guarantees high reliability

Highly Strengthened Design

5400Pa

Certified to withstand:5400Pa snow load and 2400Pa wind load

Outstanding PID Resistant Performance

PID

Innovative cell technology, keeping module from degradation induced by electric potential difference

Product Certificates

TÜV SÜD ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

N-type Mono Bifacial Double Glass Module(framed)

DDG(N)560-580(K)

日新科技 RIXIN TECHNOLOGY

Electrical erformance parameters

Model	DDG(N)560(K)		DDG(N)565(K)		DDG(N)570(K)		DDG(N)575(K)		DDG(N)580(K)	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (Pm/Wp)	560	421	565	425	570	429	575	432	580	436
Maximum power voltage (Vmp/V)	41.95	39.39	42.14	39.52	42.29	39.65	42.44	39.78	42.59	39.87
Maximum power current (Imp/A)	13.35	10.69	13.41	10.75	13.48	10.81	13.55	10.87	13.62	10.94
Open circuit voltage (Voc/V)	50.67	48.13	50.87	48.32	51.07	48.51	51.27	48.70	51.47	48.89
Short circuit current (Isc/A)	14.13	11.41	14.19	11.46	14.25	11.50	14.31	11.55	14.37	11.60
Module efficiency (%)	21.68		21.87		22.07		22.26		22.45	

Back generating parameter

5%	Maximum power(Pm/Wp) Module efficiency(%)	588Wp 22.76%	593Wp 22.97%	599Wp 23.17%	604Wp 23.37%	609Wp 23.57%
15%	Maximum power(Pm/Wp) Module efficiency(%)	644Wp 24.93%	650Wp 25.15%	656Wp 25.37%	661Wp 25.60%	667Wp 25.82%
25%	Maximum power(Pm/Wp) Module efficiency(%)	700Wp 27.10%	706Wp 27.34%	713Wp 27.58%	719Wp 27.82%	725Wp 28.07%

Mechanical performance parameters

Cell	N-type mono half-cut cell
Cell array	144 (2×72)
Glass thickness (mm)	2.0
Frame	anodized aluminum alloy
Cable	$4mm^2$, negative300mm, positive300mm
Module weight(kg)	32.0
Module dimension(L*W*H)(mm)	2278×1134×30 mm
Packing	36pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+3
Maximum system voltage (V)	DC1500
System maximum protection current (A)	30
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	Ip68,3diodes

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.29%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.29%/℃

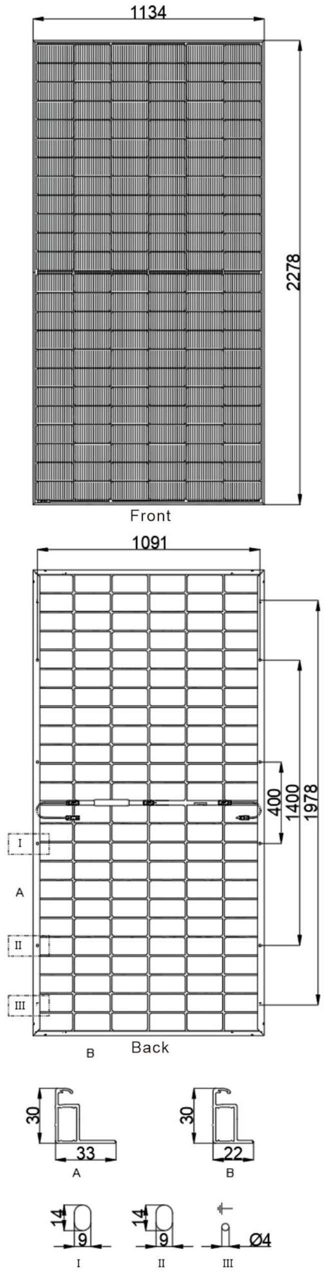
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

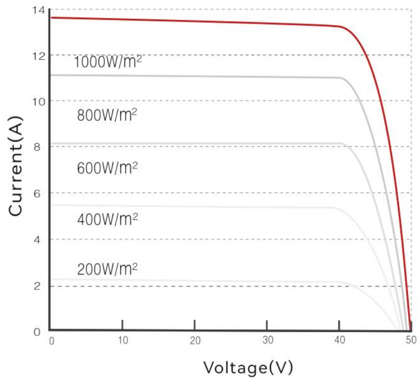
12-year materials&workmanship warranty
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)



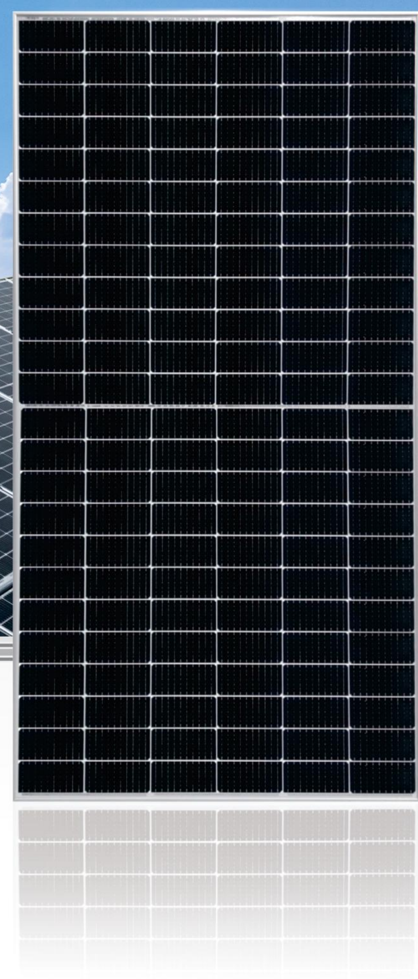
I-V curve



日新科技
RIXIN TECHNOLOGY

PERC Mono Bifacial Double Glass Module(framed)

DDG(P)535~555(K)



Key Features

High Efficiency
Advanced Ga-doped PERC technology,
High conversion efficiency(up to 21.48%)

Excellent Low-light Performance
Advanced solar cell surface texturing technology,
allows for excellent performance in low-light environment

High Reliability
Strict quality control guarantees high reliability

Highly Strengthened Design
5400Pa
Certified to withstand:5400Pa snow load
and 2400Pa wind load

Outstanding PID Resistant Performance
PID
Innovative cell technology, keeping module from
degradation induced by electric potential difference

Product Certificates

TÜV SÜD ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

PERC Mono Bifacial Double Glass Module(framed)

DDG(P)535~555(K)

日新科技
RIXIN TECHNOLOGY

Electrical erformance parameters

Model	DDG(P)535(K)	DDG(P)540(K)	DDG(P)545(K)	DDG(P)550(K)	DDG(P)555(K)
Maximum power (Pm/Wp)	535	540	545	550	555
Maximum power voltage (Vmp/V)	41.87	42.09	42.32	42.54	42.77
Maximum power current (Imp/A)	12.78	12.83	12.88	12.93	12.98
Open circuit voltage (Voc/V)	49.78	49.91	50.12	50.34	50.54
Short circuit current (Isc/A)	13.53	13.58	13.63	13.68	13.73
Module efficiency (%)	20.71	20.90	21.1	21.3	21.48

Mechanical performance parameters

Cell Nos & array	PERC mono half-cut cells 144pcs
Cell size (mm)	182*91
Glass thickness (mm)	2.0
Frame	anodized aluminum alloy
Cable	4mm^2, negative300mm, positive300mm
Module weight(kg)	32.1
Module dimension(L*W*H)(mm)	2278*1134*35mm
Packing	31pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	25
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	Ip68, split/MC4 compatible

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/℃
Temperature coefficient of Isc	+0.06%/℃
Temperature coefficient of Pm	-0.39%/℃

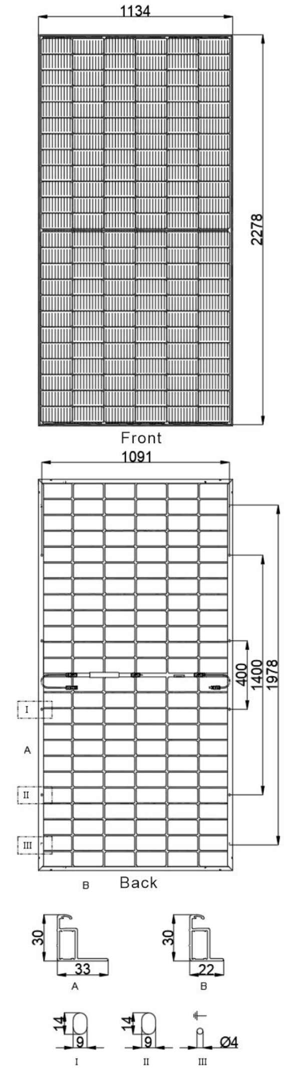
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

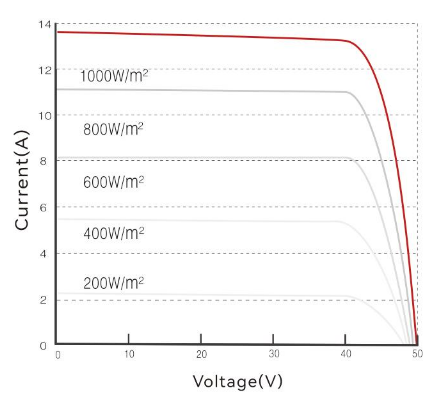
12-year materials&workmanship warranty
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)



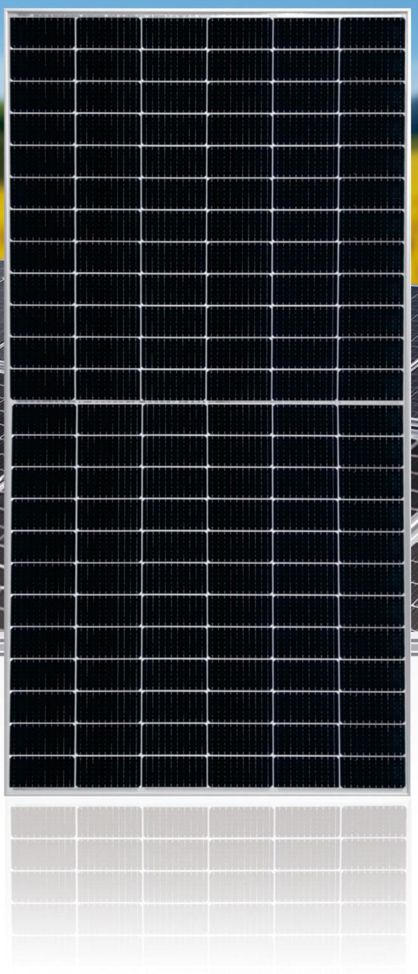
I-V curve



日新科技
RIXIN TECHNOLOGY

PERC Mono Module

DBG535~DBG555



Key Features

High Efficiency

Advanced Ga-doped PERC technology,
High conversion efficiency(up to 21.48%)

Excellent Low-light Performance

Advanced solar cell surface texturing technology,
allows for excellent performance in low-light environment

High Reliability

Strict quality control guarantees high reliability

Highly Strengthened Design

Certified to withstand:5400Pa snow load
and 2400Pa wind load

Outstanding PID Resistant Performance

Innovative cell technology, keeping module from
degradation induced by electric potential difference

Product Certificates

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

PERC Mono Module

DBG535~DBG555

日新科技
RIXIN TECHNOLOGY

Electrical erformance parameters

Model	DBG535	DBG540	DBG545	DBG550	DBG555
Maximum power (Pm/Wp)	535	540	545	550	555
Maximum power voltage (Vmp/V)	41.80	42.03	42.25	42.48	42.77
Maximum power current (Imp/A)	12.80	12.85	12.90	12.95	12.98
Open circuit voltage (Voc/V)	49.76	49.89	50.10	50.32	50.54
Short circuit current (Isc/A)	13.55	13.60	13.65	13.70	13.73
Module efficiency (%)	20.71	20.90	21.09	21.29	21.48

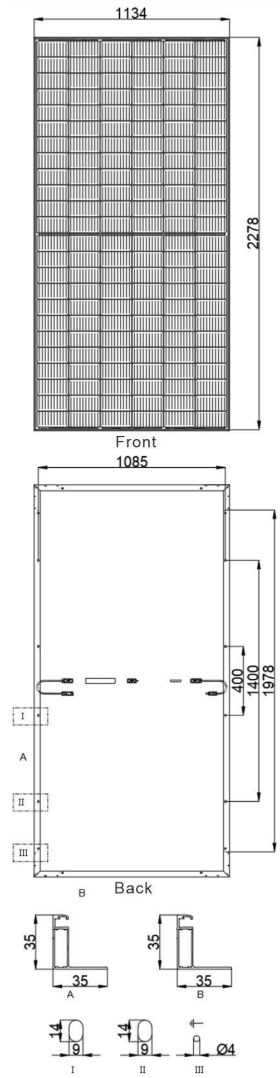
Mechanical performance parameters

Cell Nos & array	PERC mono half-cut cells 144pcs
Cell size (mm)	182*91
Glass thickness (mm)	3.2
Frame	anodized aluminum alloy
Cable	4mm², negative300mm, positive300mm
Module weight(kg)	27
Module dimension(L*W*H)(mm)	2278*1134*35mm
Packing	31pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	25
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	Ip68, split/MC4 compatible

Module dimension (mm)

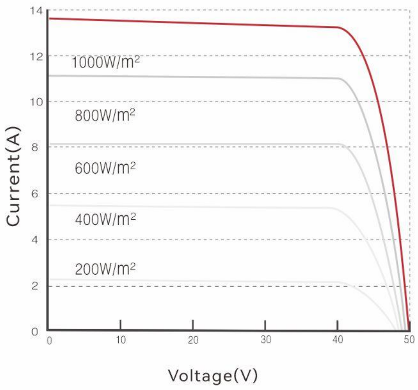


Temperature coefficient (STC)

Temperature coefficient of Voc	-0.275%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.35%/℃

Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

I-V curve



Quality warranty

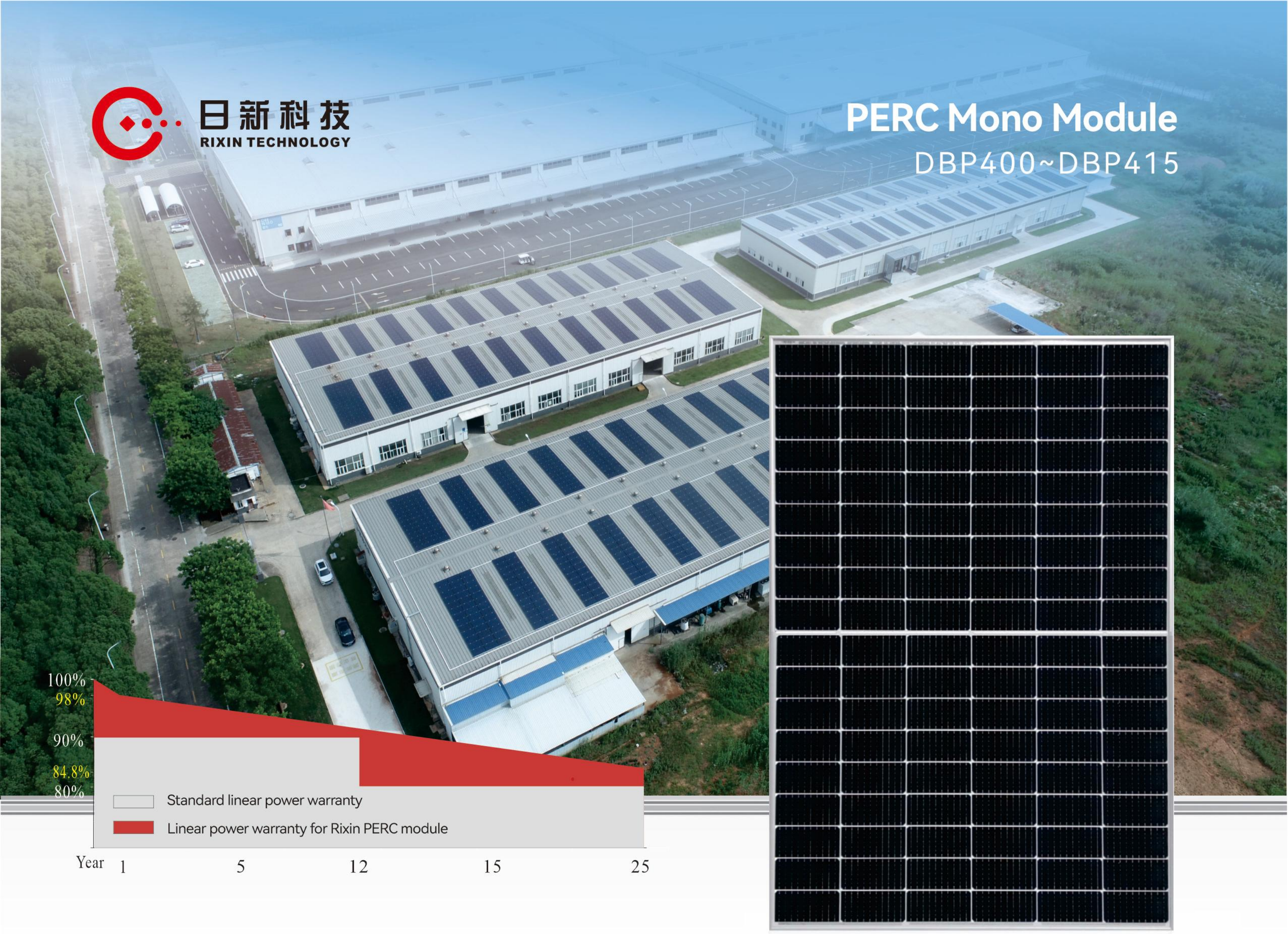
12-year materials&workmanship warranty
25-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

日新科技
RIXIN TECHNOLOGY

PERC Mono Module

DBP400~DBP415



Key Features

High Efficiency

Advanced Ga-doped PERC technology,
High conversion efficiency(up to 21.25%)

Excellent Low-light Performance

Advanced solar cell surface texturing technology,
allows for excellent performance in low-light environment

High Reliability

Strict quality control guarantees high reliability

Highly Strengthened Design

5400Pa

Certified to withstand:5400Pa snow load
and 2400Pa wind load

Outstanding PID Resistant Performance

PID

Innovative cell technology, keeping module from
degradation induced by electric potential difference

Product Certificates

TÜV SÜD ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

PERC Mono Module

DBP400~DBP415

Electrical performance parameters

Model	DBP400	DBP405	DBP410	DBP415
Maximum power (Pm/Wp)	400	405	410	415
Maximum power voltage (Vmp/V)	31.30	31.54	31.78	32.02
Maximum power current (Imp/A)	12.78	12.84	12.90	12.96
Open circuit voltage (Voc/V)	37.54	37.79	38.03	38.27
Short circuit current (Isc/A)	13.52	13.58	13.64	13.70
Module efficiency (%)	20.50	20.74	21	21.25

Mechanical performance parameters

Cell Nos & array	PERC mono half-cut cells 108pcs
Cell size (mm)	182*91
Glass thickness (mm)	3.2
Frame	anodized aluminum alloy
Cable	4mm², negative300mm, positive300mm
Module weight(kg)	24
Module dimension(L*W*H)(mm)	1722*1134*35mm
Packing	31pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	25
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	Ip68, split/MC4 compatible

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.275%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.35%/℃

Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

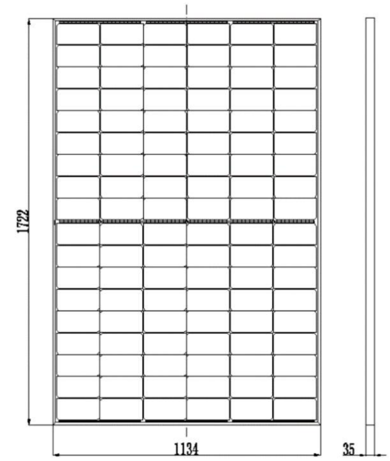
Quality warranty

12-year materials&workmanship warranty

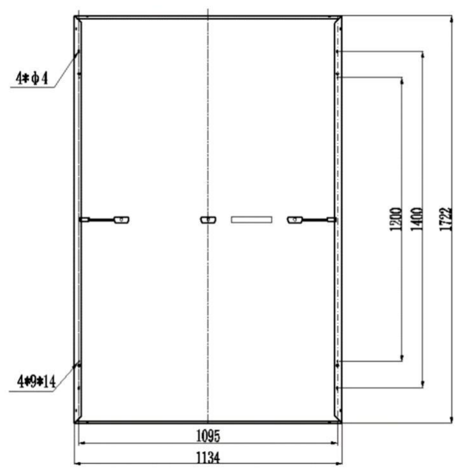
25-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

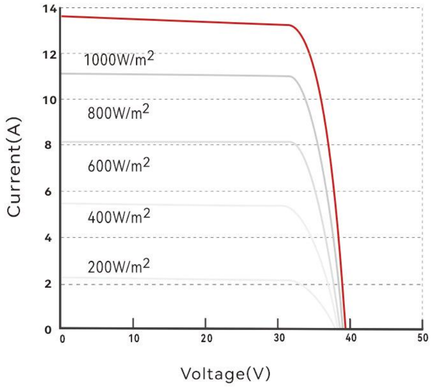


Front



Back

I-Vcurve



2.6MW Project in Hubei Ezhou Airport

03

Xihe Smart Solar Modules

Mono Bifacial Double Glass Module(transparent, framed) DDP315(K)~DDP325(K)

Mono Double Glass Module(black, framed) DDP315(K)~DDP325(K)

Mono Bifacial Double Glass Module(transparent, frameless) DDP315~DDP325

Mono Double Glass Module(black, frameless) DDP315~DDP325

Poly Double Glass Module(framed) MDM280(K)~MDM290(K)

Poly Double Glass Module(frameless) MDM280~MDM290

日新科技
RIXIN TECHNOLOGY

Mono Bifacial Double Glass Module (transparent, framed)

DDP315(K)~DDP325(K)

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

Easy Installation

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

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Mono Bifacial Double Glass Module (transparent, framed)

DDP315(K)~DDP325(K)

RIXIN TECHNOLOGY 日新科技

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 cells108 (6*9*2)
Cable	4mm², negative1000mm, positive1000mm
Module weight(kg)	20
Module dimension(L*W*H)(mm)	1606*1042*30mm
Packing	30pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/3600
Junction box/Connector	Ip68, split/MC4 compatible

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/℃
Temperature coefficient of Isc	+0.06%/℃
Temperature coefficient of Pm	-0.39%/℃

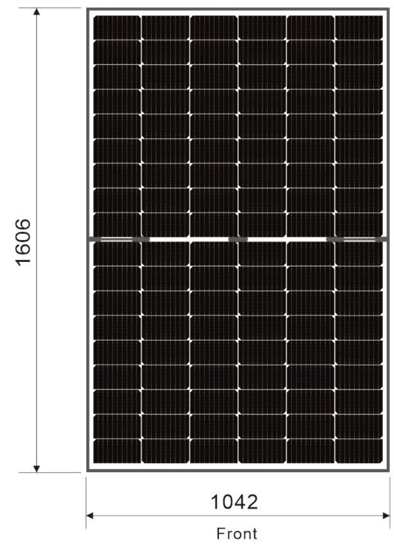
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

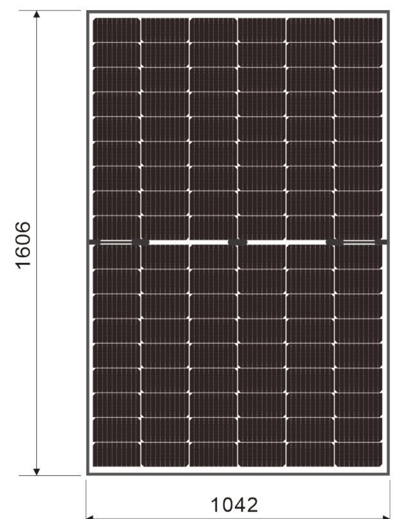
10-year materials&workmanship warranty
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

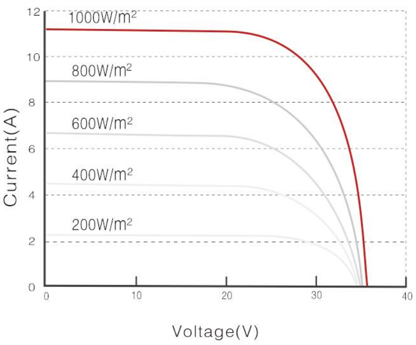


Front



Back

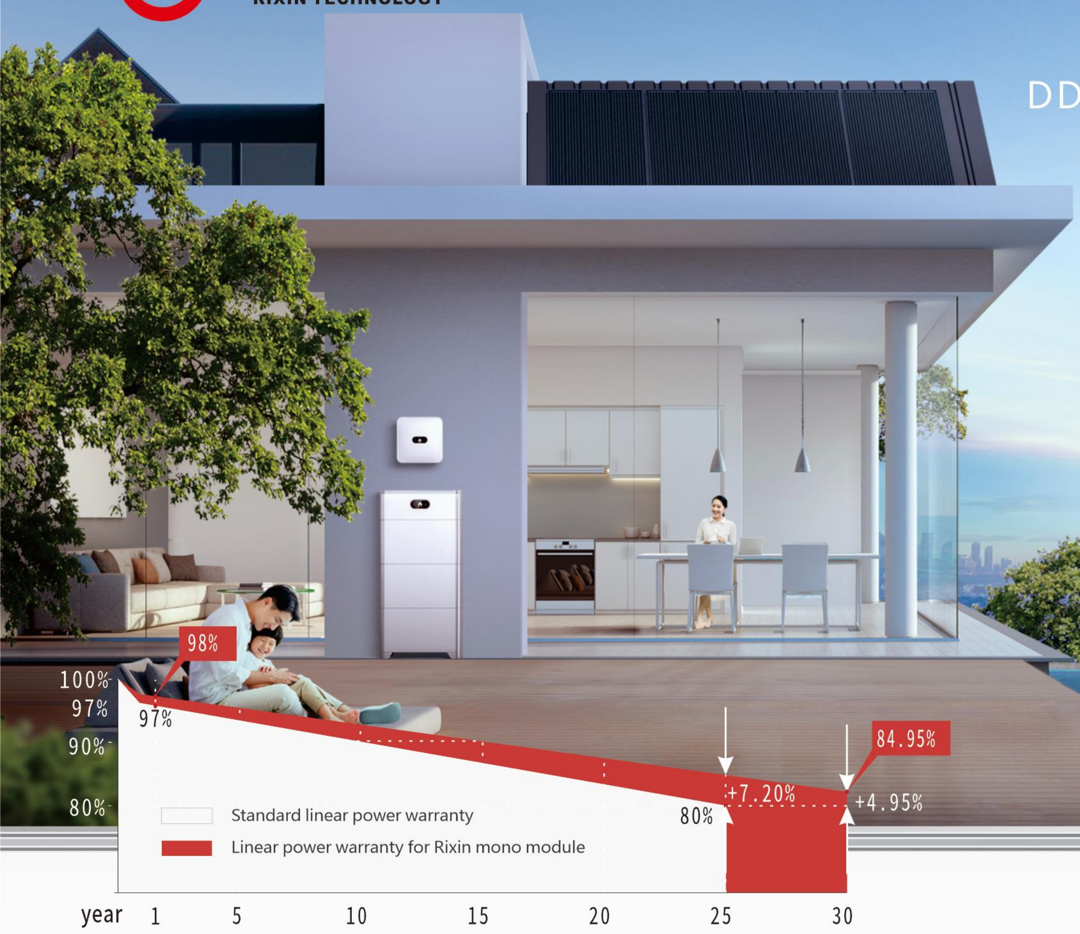
I-Vcurve (315W)



日新科技
RIXIN TECHNOLOGY

Mono Double Glass Module (black, framed)

DDP315(K)~DDP325(K)



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

Easy Installation

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

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Mono Double Glass Module (black, framed)

DDP315(K)~DDP325(K)

日新科技
RIXIN TECHNOLOGY

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 cells108 (6*9*2)
Cable	$4mm^2$, negative1000mm, positive1000mm
Module weight(kg)	20
Module dimension(L*W*H)(mm)	1606*1042*30mm
Packing	30pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/3600
Junction box/Connector	Ip68, split/MC4 compatible

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/℃
Temperature coefficient of Isc	+0.06%/℃
Temperature coefficient of Pm	-0.39%/℃

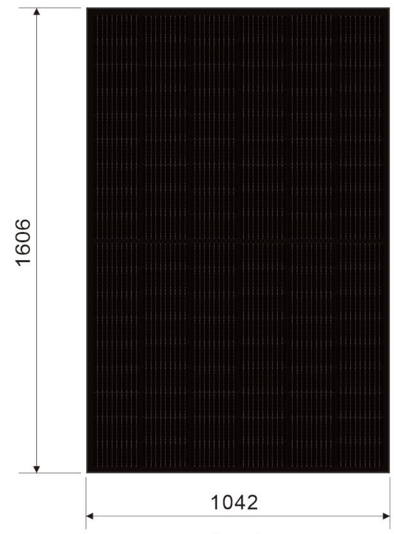
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

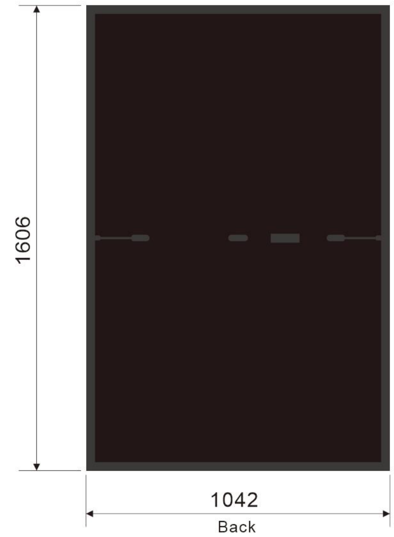
10-year materials&workmanship warranty
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

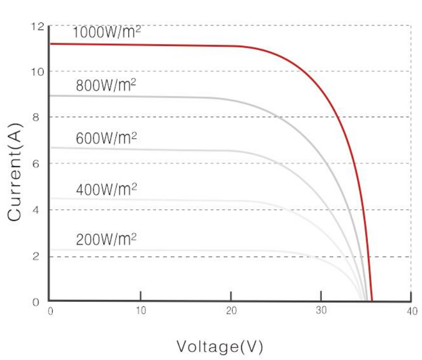


Front



Back

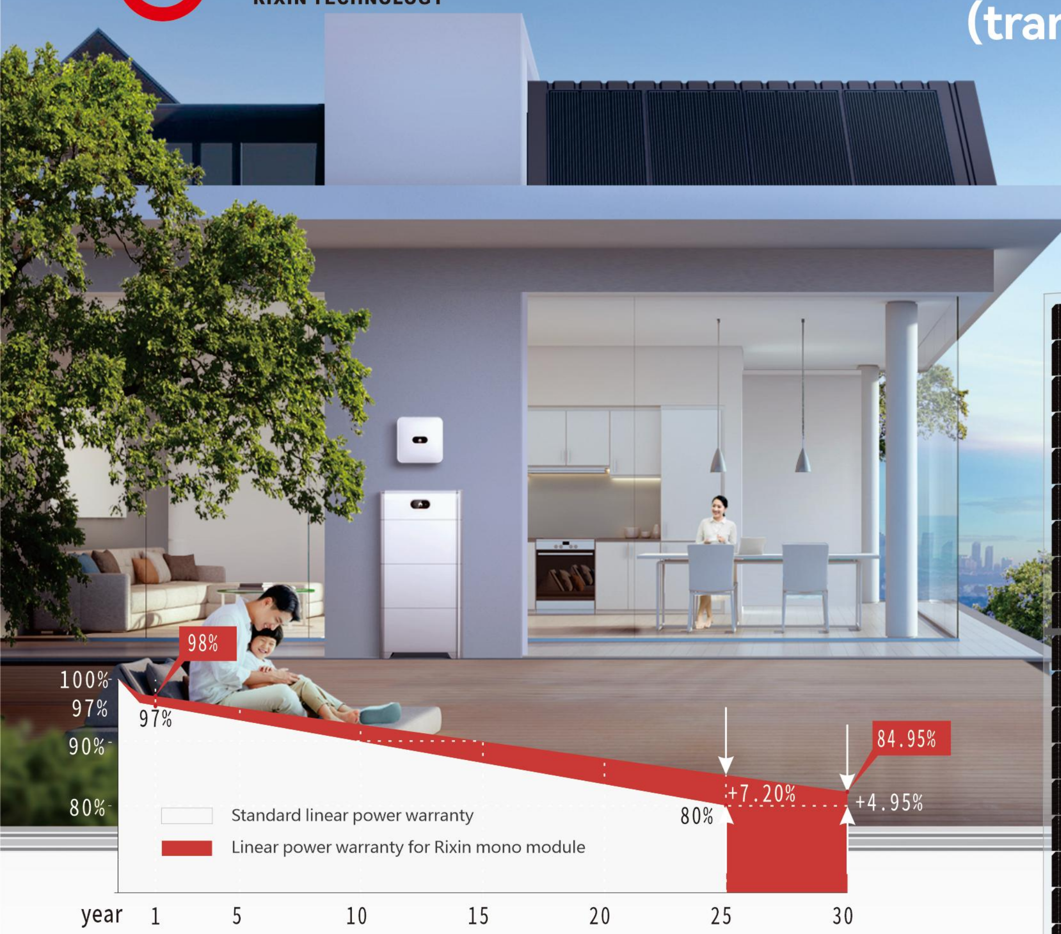
I-Vcurve (315W)

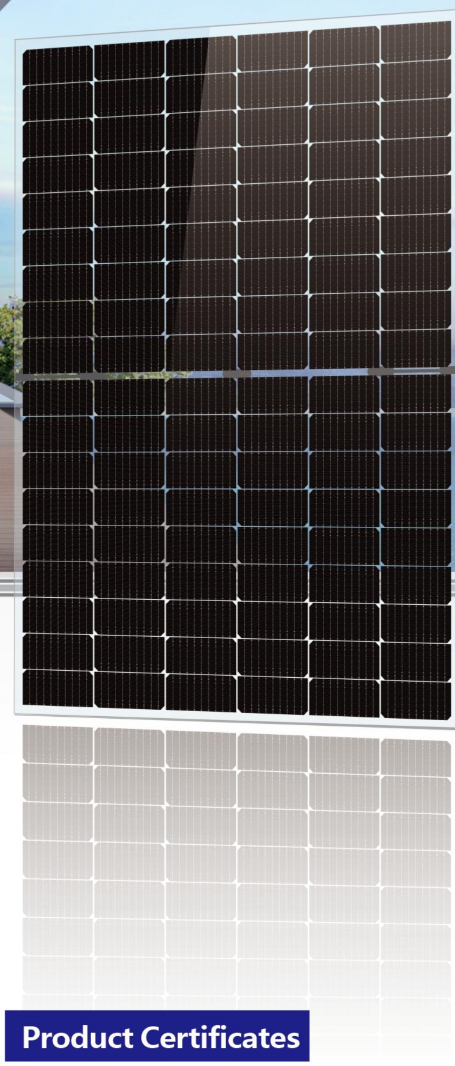


日新科技
RIXIN TECHNOLOGY

Mono Bifacial Double Glass Module (transparent, frameless)

DDP315~DDP325





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

Easy Installation

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

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Mono Bifacial Double Glass Module (transparent, frameless)

DDP315~DDP325

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 cells108（6*9*2）
Cable	$4mm^2$，negative1000mm，positive1000mm
Module weight(kg)	19
Module dimension(L*W*H)(mm)	1600*1036*5mm
Packing	33pcs/pallet

Quality parameters

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

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/℃
Temperature coefficient of Isc	+0.06%/℃
Temperature coefficient of Pm	-0.39%/℃

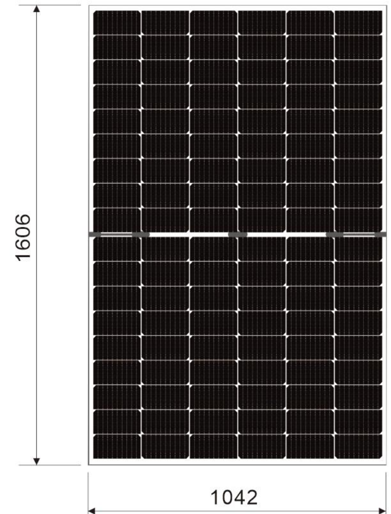
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

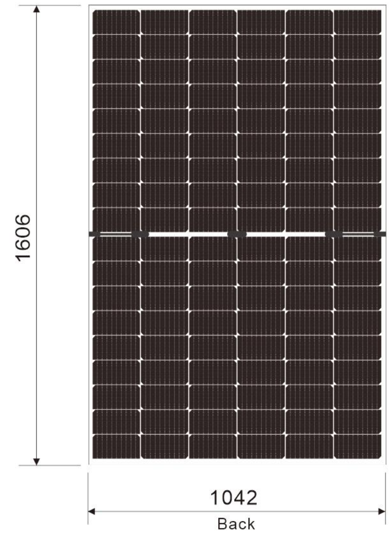
- 10-year materials&workmanship warranty
- 30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

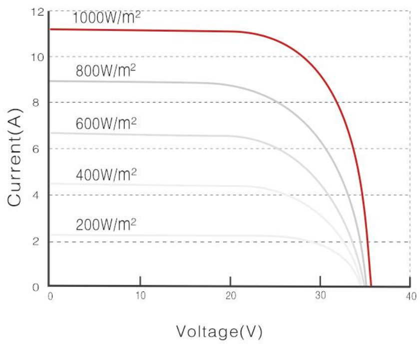


Front



Back

I-Vcurve (315W)



日新科技
RIXIN TECHNOLOGY

Mono Double Glass Module (black, frameless)

DDP315~DDP325

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

Easy Installation

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

Product Certificates

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Mono Double Glass Module (black, frameless)

DDP315~DDP325

RIXIN TECHNOLOGY 日新科技

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 cells108 (6*9*2)
Cable	$4mm^2$, negative1000mm, positive1000mm
Module weight(kg)	19
Module dimension(L*W*H)(mm)	1600*1036*5mm
Packing	33pcs/pallet

Quality parameters

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

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/℃
Temperature coefficient of Isc	+0.06%/℃
Temperature coefficient of Pm	-0.39%/℃

Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

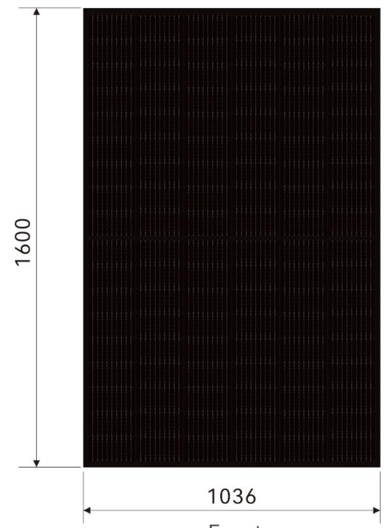
Quality warranty

10-year materials&workmanship warranty

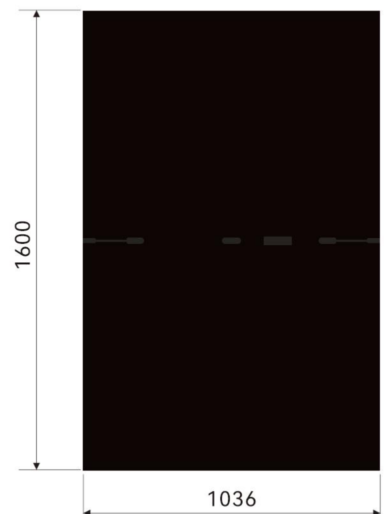
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

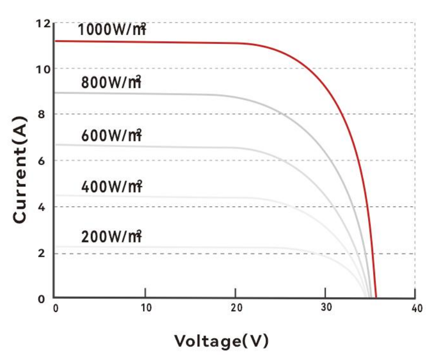


Front



Back

I-V curve(315W)



Poly Double Glass Module(framed)

MDM280(K)~MDM290(K)

Main Features

Building materials design idea

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

Half-cut technology

Increase power output, reduce cracking risks,
improve module reliability

Easy Installation

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

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Poly Double Glass Module (framed)

MDM280(K)~MDM290(K)

日新科技 RIXIN TECHNOLOGY

Electrical performance parameters

Model	MDM280(K)	MDM285(K)	MDM290(K)
Maximum power (Pm/Wp)	280	285	290
Maximum power voltage (Vmp/V)	31.5	31.7	31.9
Maximum power current (Imp/A)	8.9	9.00	9.10
Open circuit voltage (Voc/V)	37.5	37.6	37.7
Short circuit current (Isc/A)	9.70	9.80	9.90
Module efficiency (%)	16.6	16.9	17.2

Mechanical performance parameters

Cell Nos & array	Poly half-cut cells 120（6*10*2)
Cable	4mm^2，negative1200mm，positive1200mm
Module weight(kg)	20
Module dimension(L*W*H)(mm)	1690*998*30mm
Packing	30pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	15
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/3600
Junction box/Connector	Ip68, split/MC4 compatible

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃

Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

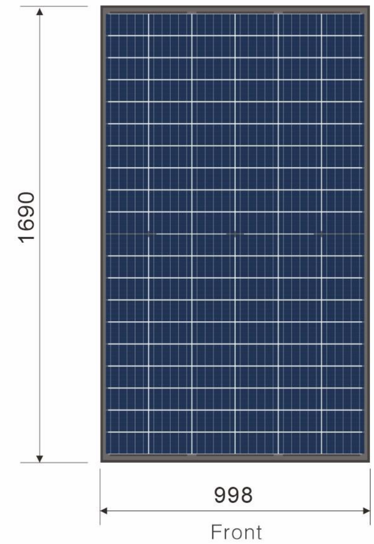
Quality warranty

10-year materials&workmanship warranty

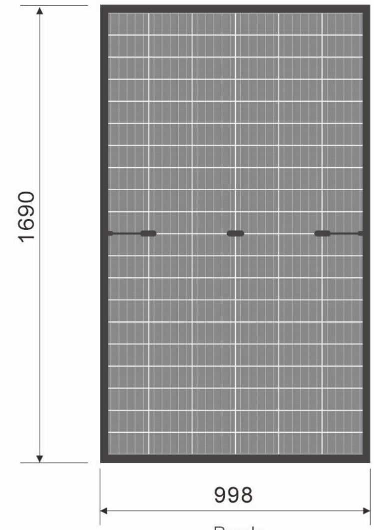
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

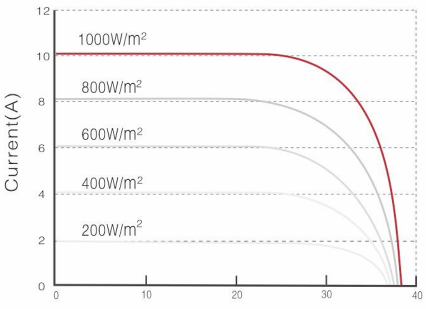


Front



Back

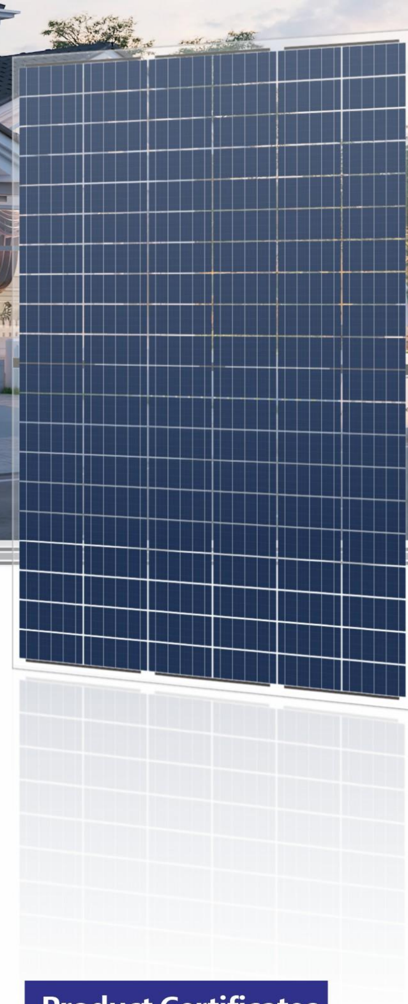
I-Vcurve (290W)



日新科技
RIXIN TECHNOLOGY

Poly Double Glass Module (frameless)

MDM280~MDM290



Main Features

Building materials design idea

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

Half-cut technology

Increase power output, reduce cracking risks, improve module reliability

Easy Installation

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

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Poly Double Glass Module (frameless)

MDM280~MDM290

RIXIN TECHNOLOGY

Electrical performance parameters

Model	MDM280	MDM285	MDM290
Maximum power (Pm/Wp)	280	285	290
Maximum power voltage (Vmp/V)	31.5	31.7	31.9
Maximum power current (Imp/A)	8.9	9.00	9.10
Open circuit voltage (Voc/V)	37.5	37.6	37.7
Short circuit current (Isc/A)	9.70	9.80	9.90
Module efficiency (%)	16.8	17.10	17.4

Mechanical performance parameters

Cell Nos & array	Poly half-cut cells 120 (6*10*2)
Cable	$4mm^2$, negative1000mm, positive1000mm
Module weight(kg)	19
Module dimension(L*W*H)(mm)	1684*992*5mm
Packing	33pcs/pallet

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	15
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/2400
Junction box/Connector	Ip68, split/MC4 compatible

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃

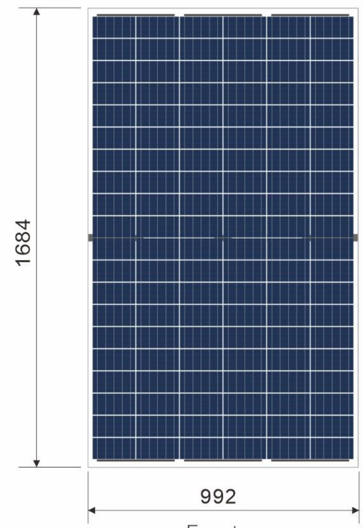
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

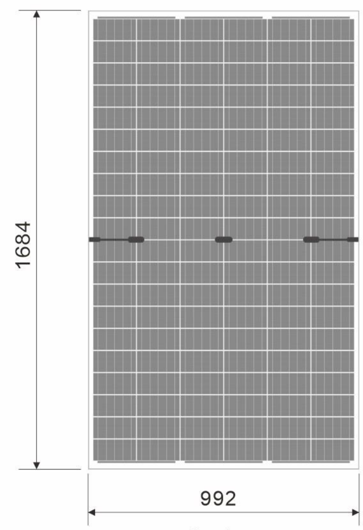
10-year materials&workmanship warranty
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

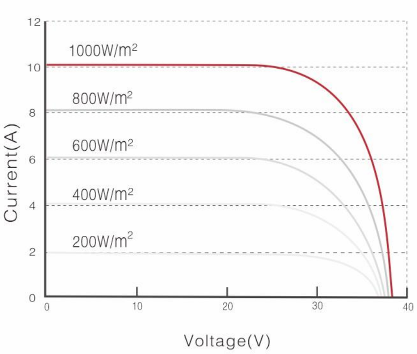


Front



Back

I-Vcurve (290W)



04

BIPV Solar Modules

Poly Hollow Glass Module RXZK-MDM270

Mono Bifacial Hollow Glass Module RXZK-DDM310

Poly Laminated Glass Module RXJJ-MDN210

Mono Bifacial Laminated Glass Module RXJJ-DDN250

Poly Laminated Glass Module RXJJ-MDM270

Customized BIPV Solar Modules

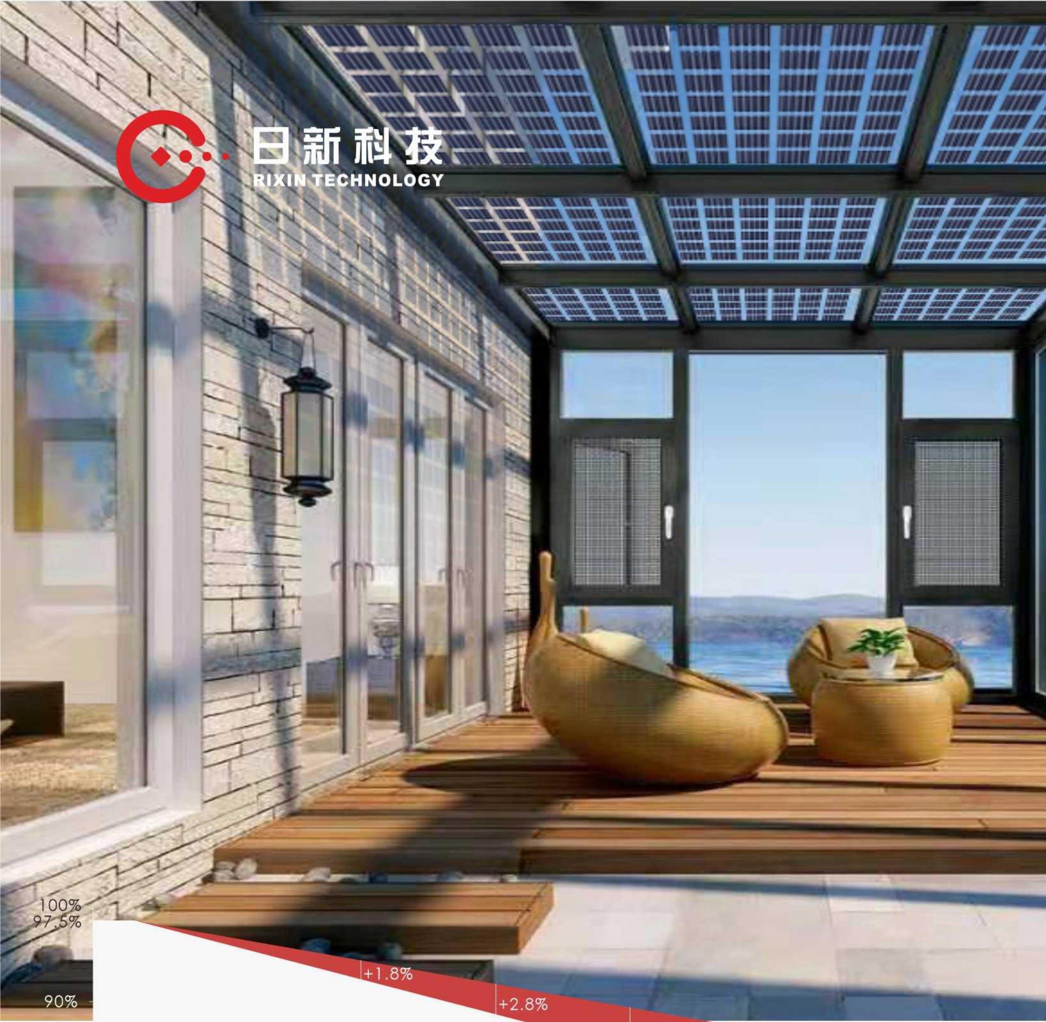
Light Weight Flexible Solar Module DSM370(Q)

Solar Roof Tile DDE100(K)

日新科技
RIXIN TECHNOLOGY

Poly Hollow Glass Module

RXZK-MDM270



Main Features

Building Material Safety Standards

Design as per Green Building Material Standards.

Safety

With high yield of impact resistance, wind pressure and snow pressure resistance 5400Pa.

Extra Power Generation

Over 30 years of power generation guarantee and as low as 0.5% power attenuation per year.

Sound Insulation & Heat Insulation

Wide range of applications.
Replacement of common glass materials such as sun rooms, skylights, carports, sound insulation panels and etc.

Easy Installation

Easy installation with modular design.
Easy to be fully flat deployed.

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Poly Hollow Glass Module

RXZK-MDM270

日新科技 RIXIN TECHNOLOGY

Electrical Performance Parameters

Model	RXZK-MDM270
Maximum power (Pm/Wp)	270
Maximum power voltage (Vmp/V)	31.84
Maximum power current (Imp/A)	8.48
Open circuit voltage (Voc/V)	38
Short circuit current (Isc/A)	9.35
Module efficiency (%)	14.4%

Mechanical Performance Parameters

Fault Structure	5mm Low iron tempered glass+0.76PVB +Poly cell
	+0.76PVB+5mm tempered glass+9A+5mm tempered glass
Cable	4mm²/900mm
Module weight(kg)	70
Module dimension(L*W*H)(mm)	1775*1060*26mm
Resistance to wind pressure	2.4kN/m²

Quality Parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	5400/5400
Protection grade of junction box	Ip68, split/MC4 compatible

Temperature Coefficient (STC)

Temperature coefficient of Voc	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃

Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality Warranty

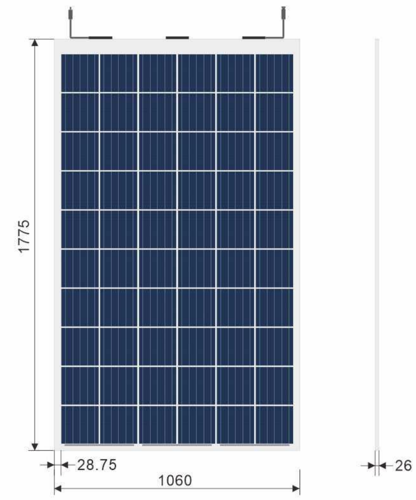
10-year material & workmanship warranty

30-year linear power warranty

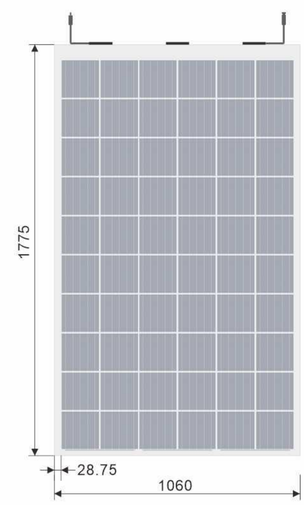
Attention:Read safety and installation instructions before using.

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

Module Dimension (mm)

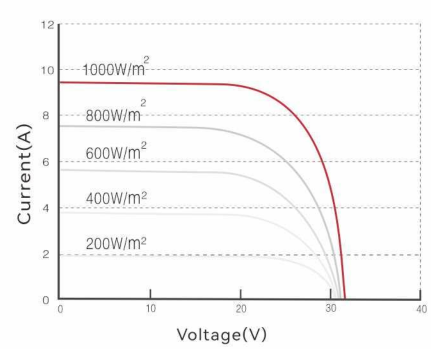


Front Left



Back

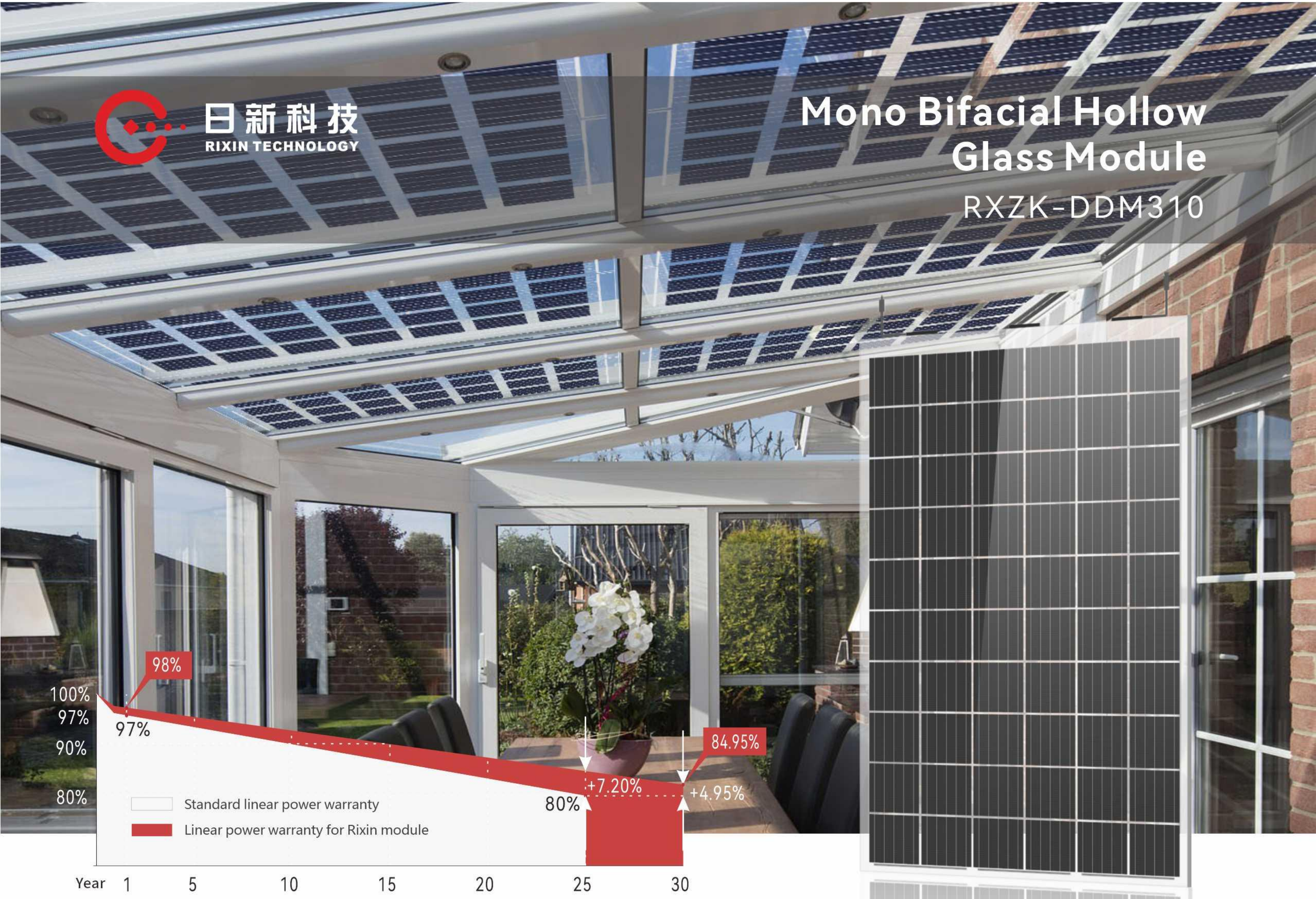
I-V Curve(270W)

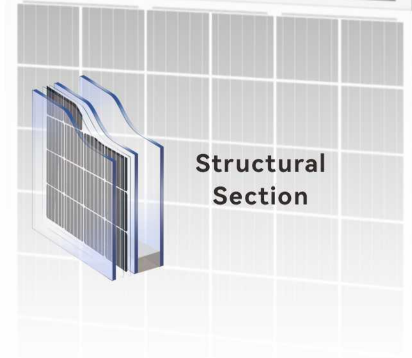


日新科技
RIXIN TECHNOLOGY

Mono Bifacial Hollow Glass Module

RXZK-DDM310





Main Features

Building Material Safety Standards

Design as per Green Building Material Standards.

Safety

With high yield of impact resistance, wind pressure and snow pressure resistance 5400Pa.

Extra Power Generation

Over 30 years of power generation guarantee and as low as 0.5% power attenuation per year.

Sound Insulation & Heat Insulation

Wide range of applications.
Replacement of common glass materials such as sun rooms, skylights, carports, sound insulation panels and etc.

Easy Installation

Easy installation with modular design.
Easy to be fully flat deployed.

Product Certificates

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Mono Bifacial Hollow Glass Module

RXZK-DDM310

Electrical Performance Parameters

Model	RXZK-DDM310
Maximum power (Pm/Wp)	310
Maximum power voltage (Vmp/V)	32.1
Maximum power current (Imp/A)	9.65
Open circuit voltage (Voc/V)	38.2
Short circuit current (Isc/A)	10.4
Module efficiency (%)	16.5%

Mechanical Performance Parameters

Fault Structure	5mm Low iron tempered glass+0.76PVB +Mono bifacial cell
	+0.76PVB+5mm tempered glass+9A+5mm tempered glass
Cable	4mm²/900mm
Module weight(kg)	70
Module dimension(L*W*H)(mm)	1775*1060*26mm
Resistance to wind pressure	2.4kN/m²

Quality Parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	5400/5400
Protection grade of junction box	Ip68, split/MC4 compatible

Temperature Coefficient (STC)

Temperature coefficient of Voc	-0.30%/℃
Temperature coefficient of Isc	+0.048%/℃
Temperature coefficient of Pm	-0.38%/℃

Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality Warranty

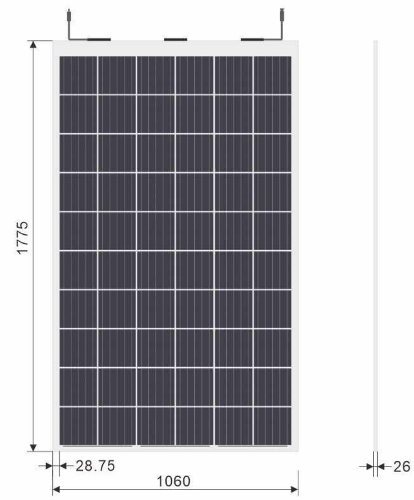
10-year material & workmanship warranty

30-year linear power warranty

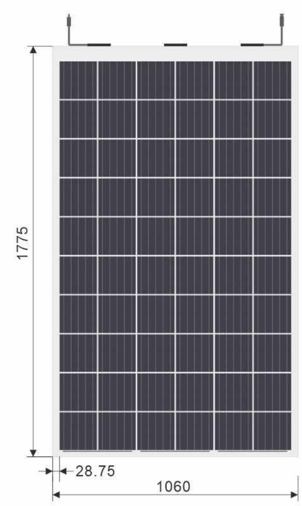
Attention:Read safety and installation instructions before using.

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

Module Dimension (mm)

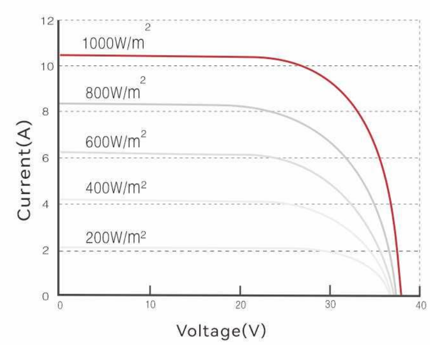


Front Left



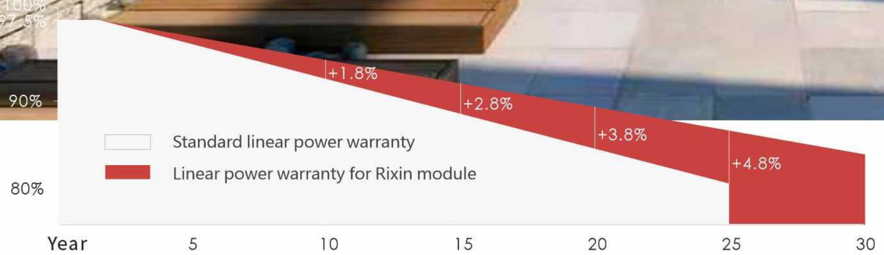
Back

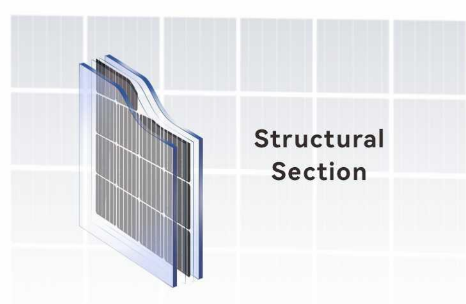
I-V Curve(310W)



日新科技
RIXIN TECHNOLOGY

Poly Laminated Glass Module
RXJJ-MDN210





Main Features

Building Material Safety Standards
Design as per Green Building Material Standards.

Safety
With high yield of impact resistance, wind pressure and snow pressure resistance 5400Pa.

Extra Power Generation
Over 30 years of power generation guarantee and as low as 0.5% power attenuation per year.

Wide range of applications
Replacement of common glass materials such as sun rooms, skylights, carports and etc.

Easy Installation
Easy installation with modular design.
Easy to be fully flat deployed.

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Poly Laminated Glass Module

RXJJ-MDN210

Electrical Performance Parameters

Model	RXJJ-MDN210
Maximum power (Pm/Wp)	210
Maximum power voltage (Vmp/V)	24.78
Maximum power current (Imp/A)	8.48
Open circuit voltage (Voc/V)	30
Short circuit current (Isc/A)	9.35
Module efficiency (%)	13.6%

Mechanical Performance Parameters

Fault Structure	5mm Low iron tempered glass + 0.76PVB + Poly cell + 0.76PVB + 5mm tempered glass (3.2+3.2mm glass can also be choosed to reduce the thickness and weight)
Cable	4mm²/900mm
Module weight(kg)	40
Module dimension(L*W*H)(mm)	1460*1060*11mm
Resistance to wind pressure	2.4kN/m²

Quality Parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	5400/5400
Protection grade of junction box	Ip68, split/MC4 compatible

Temperature Coefficient (STC)

Temperature coefficient of Voc	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃

Quality Warranty

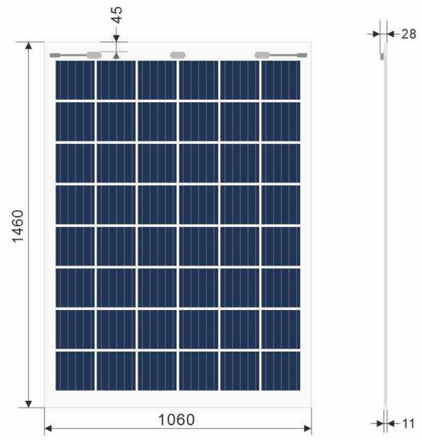
10-year material & workmanship warranty

30-year linear power warranty

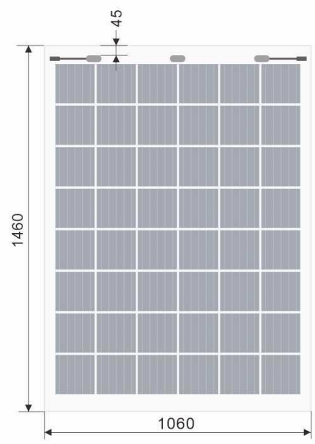
Attention:Read safety and installation instructions before using.

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

Module Dimension (mm)

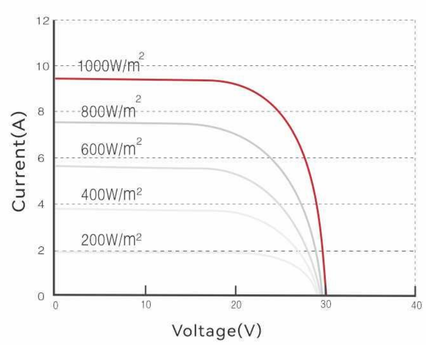


Front   Left



Back

I-V Curve(210W)



Mono Bifacial Laminated Glass Module

RXJJ-DDN250

Main Features

Building Material Safety Standards

Design as per Green Building Material Standards.

Safety

With high yield of impact resistance, wind pressure and snow pressure resistance 5400Pa.

Extra Power Generation

Over 30 years of power generation guarantee and as low as 0.5% power attenuation per year.

Sound Insulation & Heat Insulation

Wide range of applications.

Replacement of common glass materials such as sun rooms, skylights, carports, sound insulation panels and etc.

Easy Installation

Easy installation with modular design.

Easy to be fully flat deployed.

Product Certificates

Contact us

Tel : +86 27 87801237

Email : info@rixinsolar.com

www.rixinsolar.com.cn

日新科技
RIXIN TECHNOLOGY

Mono Bifacial Laminated Glass Module

RXJJ-DDN250

Electrical Performance Parameters

Model	RXJJ-DDN250
Maximum power (Pm/Wp)	250
Maximum power voltage (Vmp/V)	25.9
Maximum power current (Imp/A)	9.65
Open circuit voltage (Voc/V)	32.4
Short circuit current (Isc/A)	10.15
Module efficiency (%)	16.2%

Mechanical Performance Parameters

Fault Structure	5mm Low iron tempered glass + 0.76PVB + Mono bifacial cell + 0.76PVB + 5mm tempered glass
	(3.2+3.2mm glass can also be choosed to reduce the thickness and weight)
Cable	4mm²/900mm
Module weight(kg)	40
Module dimension(L*W*H)(mm)	1460*1060*11mm
Resistance to wind pressure	2.4kN/m²

Quality Parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	5400/5400
Protection grade of junction box	Ip68, split/MC4 compatible

Temperature Coefficient (STC)

Temperature coefficient of Voc	-0.30%/℃
Temperature coefficient of Isc	+0.048%/℃
Temperature coefficient of Pm	-0.38%/℃

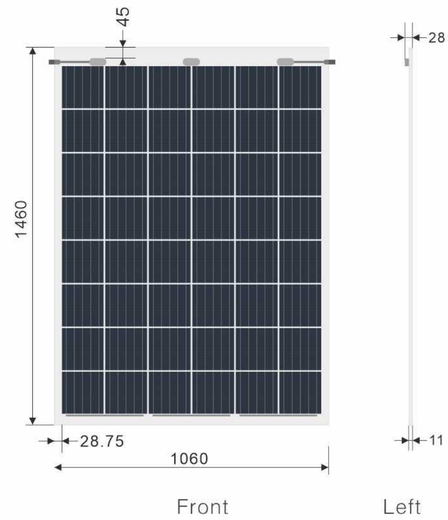
Quality Warranty

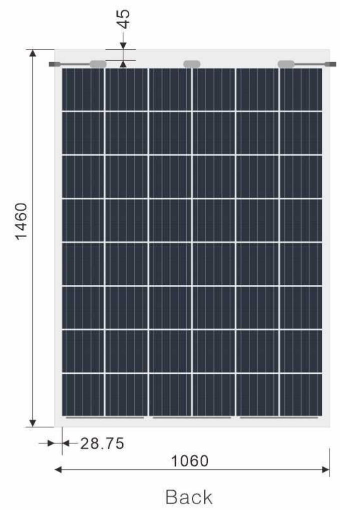
10-year material & workmanship warranty

30-year linear power warranty

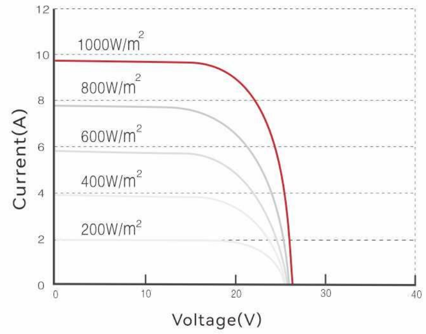
Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

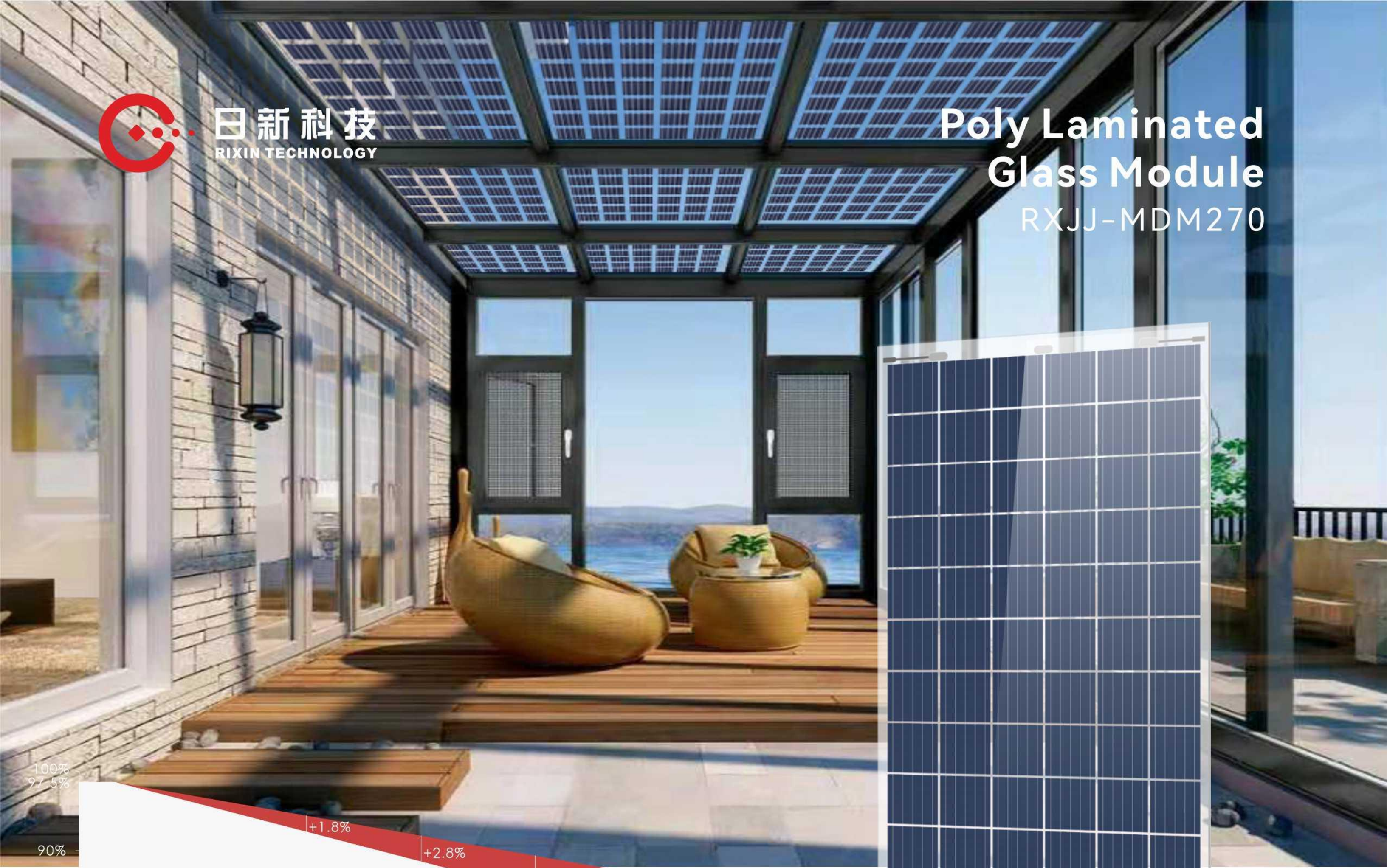
Module Dimension (mm)





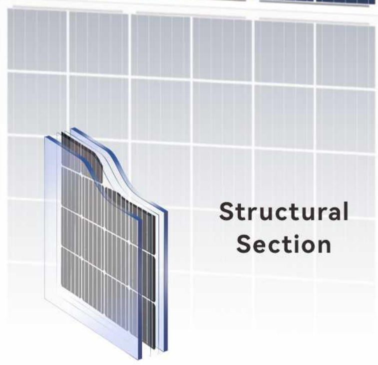
I-V Curve(250W)





Poly Laminated Glass Module

RXJJ-MDM270



Structural Section

Main Features

Building Material Safety Standards

Design as per Green Building Material Standards.

Safety

With high yield of impact resistance, wind pressure and snow pressure resistance 5400Pa.

Extra Power Generation

Over 30 years of power generation guarantee and as low as 0.5% power attenuation per year.

Wide range of applications

Replacement of common glass materials such as sun rooms, skylights, carports and etc.

Easy Installation

Easy installation with modular design.
Easy to be fully flat deployed.

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Poly Laminated Glass Module

RXJJ-MDM270

日新科技 RIXIN TECHNOLOGY

Electrical Performance Parameters

Model	RXJJ-MDM270
Maximum power (Pm/Wp)	270
Maximum power voltage (Vmp/V)	31.84
Maximum power current (Imp/A)	8.48
Open circuit voltage (Voc/V)	38
Short circuit current (Isc/A)	9.35
Module efficiency (%)	14.4%

Mechanical Performance Parameters

Fault Structure	5mm Low iron tempered glass + 0.76PVB + Poly cell + 0.76PVB + 5mm tempered glass (3.2+3.2mm glass can also be choosed to reduce the thickness and weight)
Cable	4mm²/900mm
Module weight(kg)	56
Module dimension(L*W*H)(mm)	1775*1060*11mm
Resistance to wind pressure	2.4kN/m²

Quality Parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	5400/5400
Protection grade of junction box	Ip68, split/MC4 compatible

Temperature Coefficient (STC)

Temperature coefficient of Voc	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃

Quality Warranty

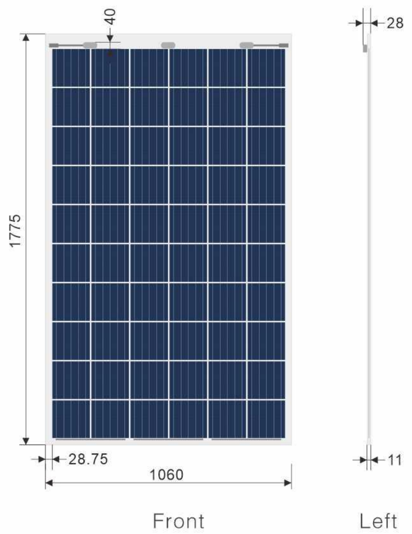
10-year material & workmanship warranty

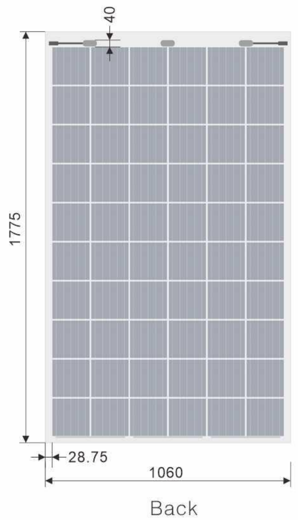
30-year linear power warranty

Attention:Read safety and installation instructions before using.

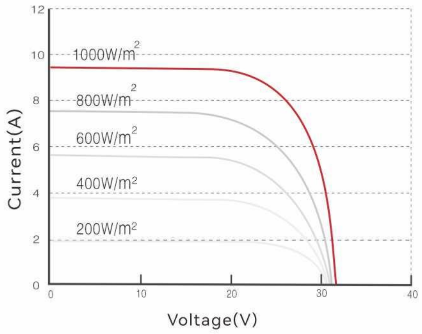
The parameters in this sheet are subject to change without prior notice.

Module Dimension (mm)





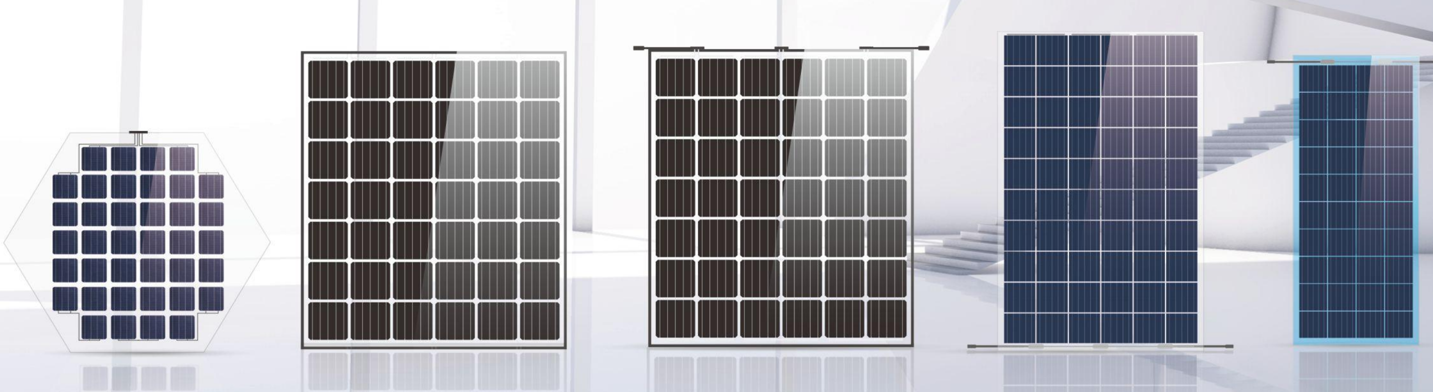
I-V Curve(270W)



日新科技
RIXIN TECHNOLOGY

Customized BIPV Solar Modules

Green Building, Generate Electricity



Hexagon laminated glass modules

Bifacial laminated glass BIPV modules
10%-30% rear side power gain

Hollow glass BIPV modules
Sound and heat insulation, superior water vapor penetration risistance and crack resistance

Laminated glass BIPV modules

Colored laminated dual glass modules

Main features

Building materials safety standards

Meet the requirements of building structure, building energy conservation, building applicability and relevant standards

Customized design

Various shapes & colors can be customized as per special installation structures and special reinforcement functions

Easy Installation

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

Product Certificates

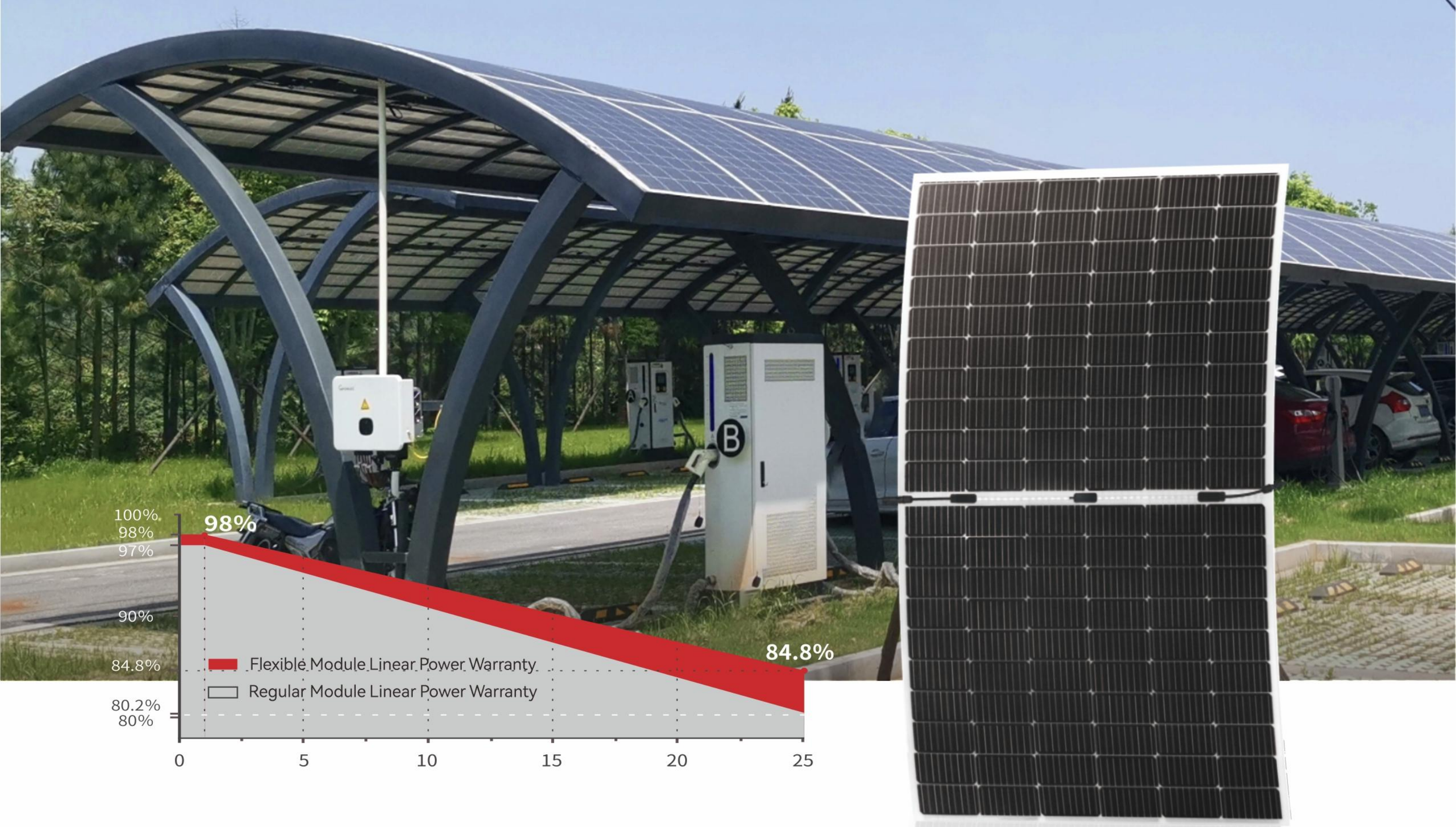
ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

日新科技
RIXIN TECHNOLOGY

Light Weight Flexible Solar Module
DSM370(Q)



Main Features

Light Weight
Module weight 5.8kg,
70% lighter than regular glass module.

Easy Installation
Save installation cost ,no need traditional support system.
Easy and fast to install, save time and labor cost.

Better Outlook
Perfect abutting building surface, no need to penetrate roof for fixation. Integrated vision outlook is better.

Durability
2400pa
Passed the same durability test as regular glass module.

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

日新科技
RIXIN TECHNOLOGY

Light Weight Flexible Solar Module

DSM370(Q)

Electrical Performance Parameters

Maximum power (Pm/Wp)	370
Maximum power voltage (Vmp/V)	33.6
Maximum power current (Imp/A)	11.01
Open circuit voltage (Voc/V)	40.2
Short circuit current (Isc/A)	12.13

Mechanical Performance Parameters

Cell Nos & array	120（6*20)
Cell	Mono 166 half-cut cell
Back plate	White
Cable	4mm^2，negative300mm，positive300mm
Module weight(kg)	5.8
Module dimension(L*W*H)(mm)	1740*1030*2
Packing	45pcs/case
Packing size(L*W*H)(mm)	1780*1120*1100

Quality Parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	Dc1000
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/2400
Junction box	Ip68,split/MC4 compatible

Temperature Coefficient (stc)

Temperature coefficient of Voc	-0.28%/℃
Temperature coefficient of Isc	+0.02%/℃
Temperature coefficient of Pm	-0.38%/℃

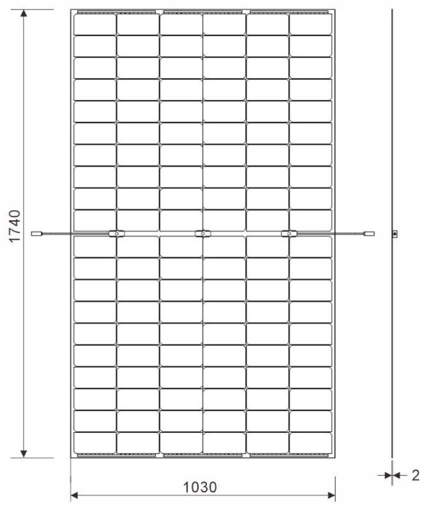
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality Warranty

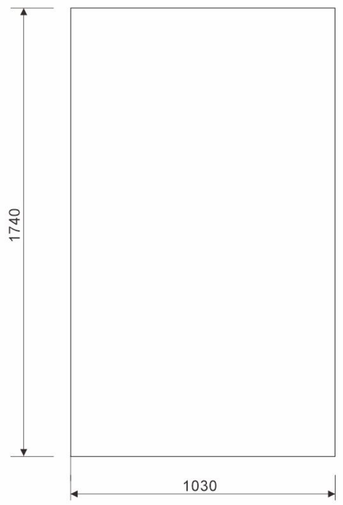
12-year materials&workmanship warranty
25-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module Dimension (mm)

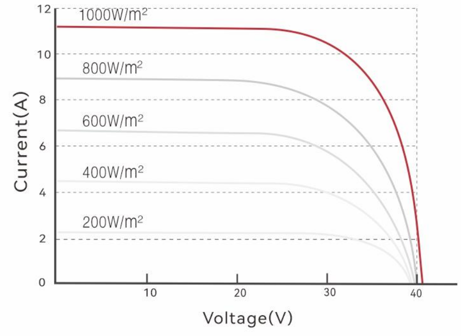


Front　　Side



Back

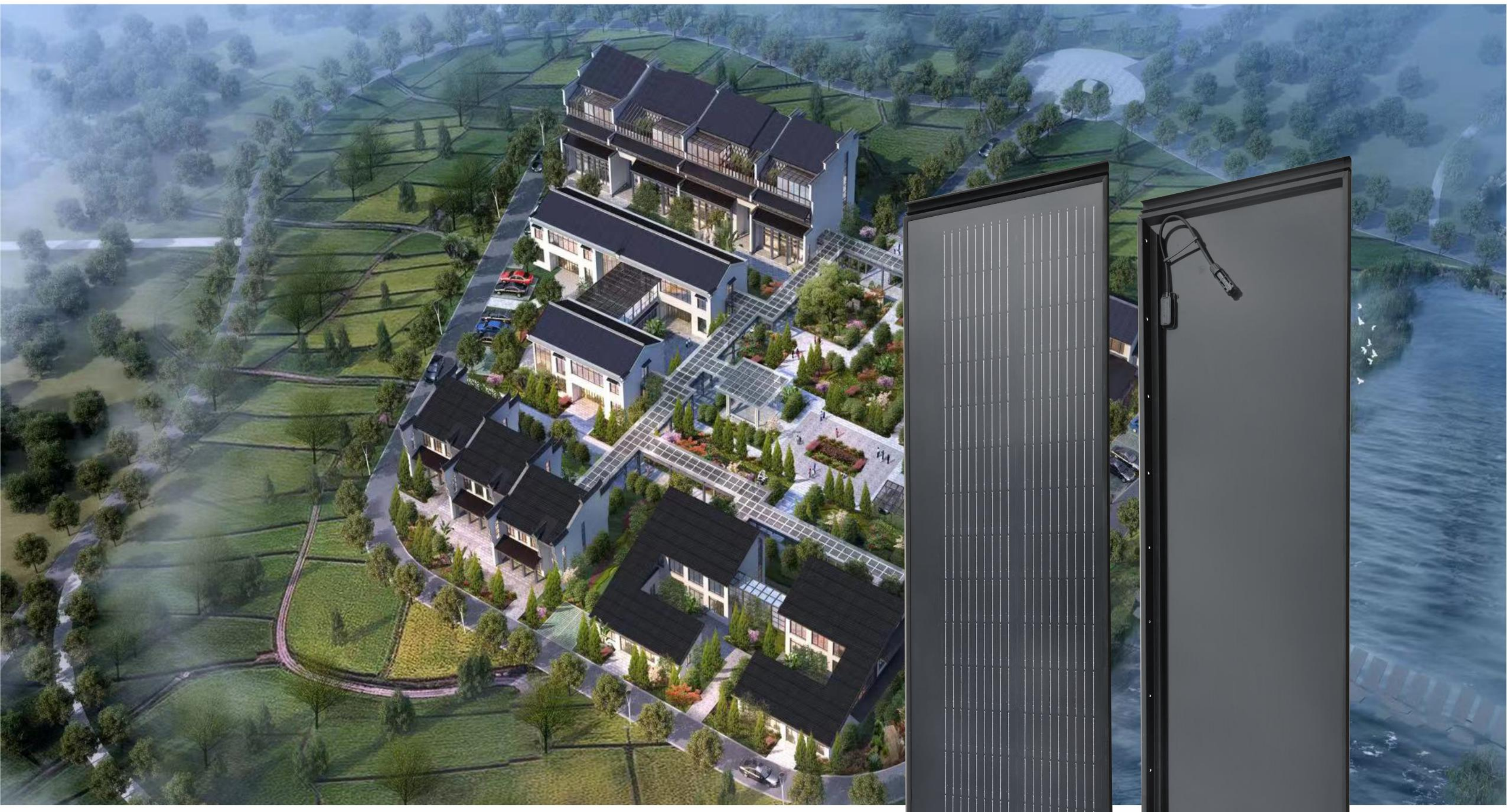
I-V curve



日新科技
RIXIN TECHNOLOGY

Solar Roof Tile

DDE100(K)



Main Features

Building materials safety standards

Double glass design, strong impact resistance performance
Class A fire protection rating & long service life

Wind proofing and waterproofing

Ingenious design of lapping & fixed structure, good flatness and self-cleaning
Reliable wind proofing & waterproofing performance

Light weight

Only 8.5 Kg per single piece
Light and easy to installation

Adapt to traditional tile roofs

Consistent with traditional tile roof structure and installation method
Integrated with various tile roofs

Customized colors

Match different colors of tile roofs to conform to architectural aesthetics

Product Certificates

ISO CE

Contact us

Tel : +86 27 87801237
Email : info@rixinsolar.com
www.rixinsolar.com.cn

Solar Roof Tile

DDE100(K)

日新科技 RIXIN TECHNOLOGY

Electrical performance parameters

Maximum power (Pm/Wp)	100
Maximum power voltage (Vmp/V)	9.49
Maximum power current (Imp/A)	10.58
Open circuit voltage (Voc/V)	10.99
Short circuit current (Isc/A)	11.11

Mechanical performance parameters

Cell array	Mono half-cut cells 32pcs(16*2)
Cell size (mm)	166*83
Glass thickness (mm)	2.0
Frame	anodized aluminum alloy
Cable	$4mm^2$, negative300mm, positive300mm
Module weight(kg)	8.5
Module dimension(L*W*H)(mm)	1458*420*21,installing size1522*420*46.7, (including left,right and back side mounted frame bracket)
Packing	36pcs/pallet
Packing box size(L*W*H)(mm)	1630*1170*590

Quality parameters

Module working temperature range (℃)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	20
NOCT(℃)	45±2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	IP68/dual compatible MC4

Temperature coefficient (STC)

Temperature coefficient of Voc	-0.3%/℃
Temperature coefficient of Isc	+0.06%/℃
Temperature coefficient of Pm	-0.39%/℃

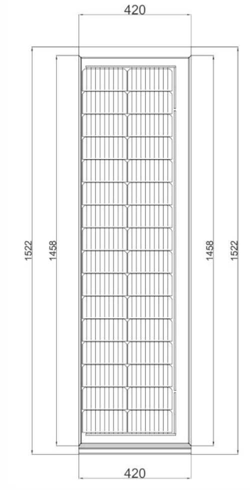
Test condition: irradiance=(1+0.1BiFi)1000W/m2, ambient temperature=25℃, AM=1.5

Quality warranty

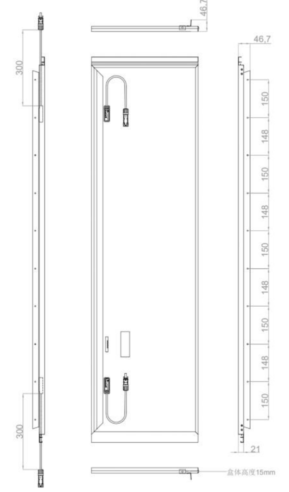
12-year materials&workmanship warranty
30-year linear power warranty

Attention:Read safety and installation instructions before using.
The parameters in this sheet are subject to change without prior notice.

Module dimension (mm)

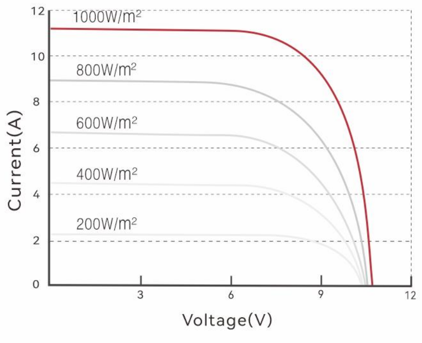


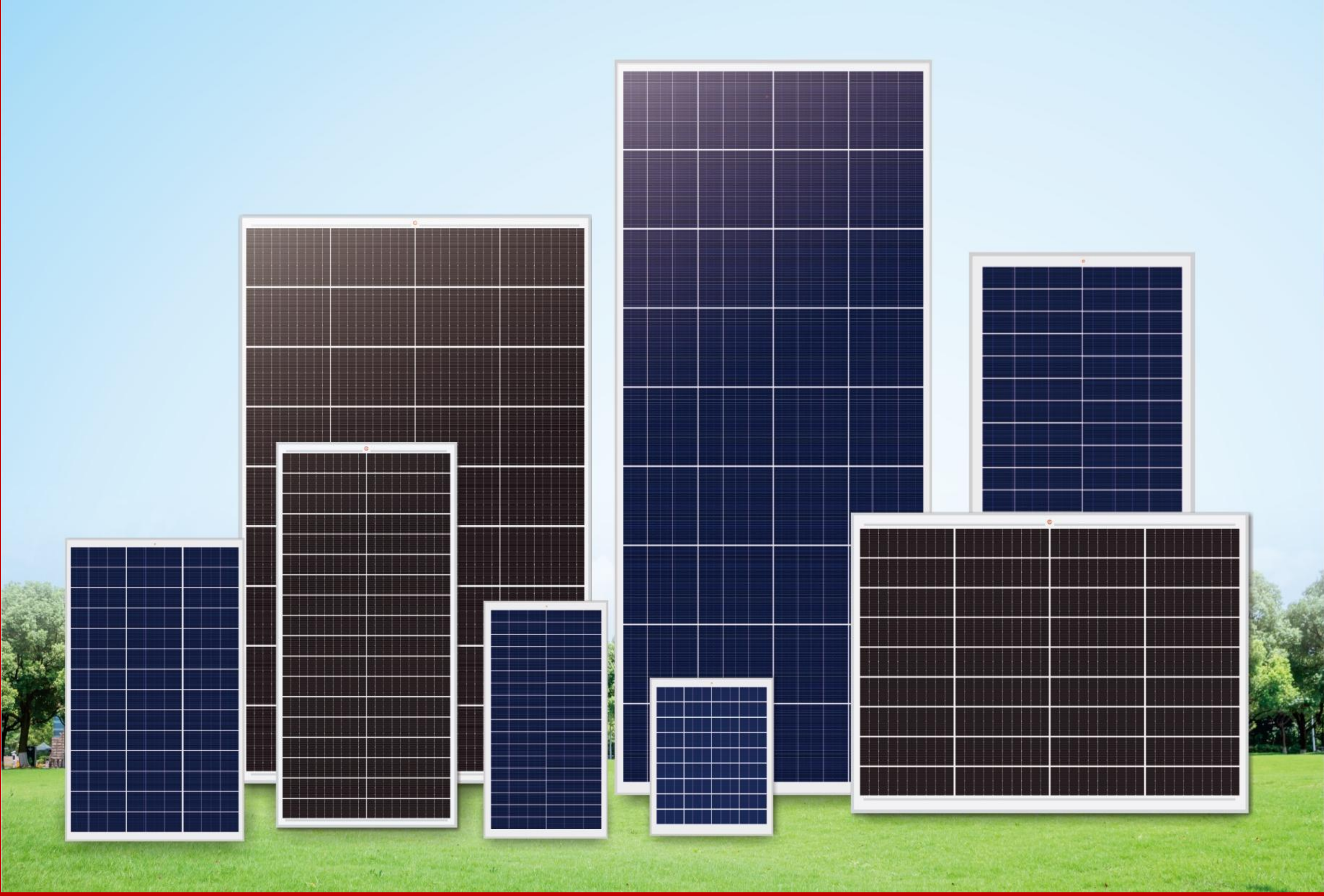
Front



Back

I-V curve





05

Customized Solar Modules

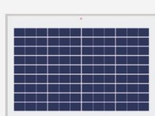
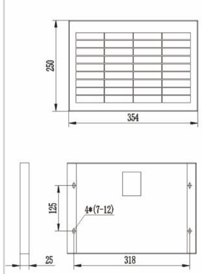
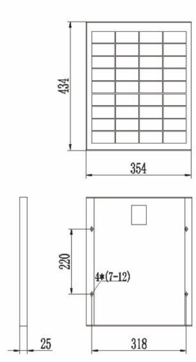
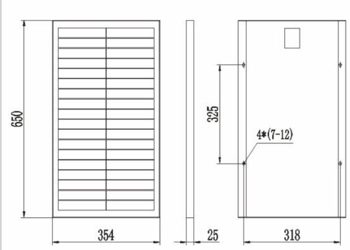
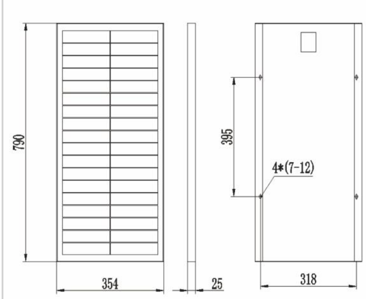
Poly Module MBF10-MBF165
Mono Module DBF60-DBF180

Poly Module

MBF10-MBF40

日新科技
RIXIN TECHNOLOGY

Product Parameter

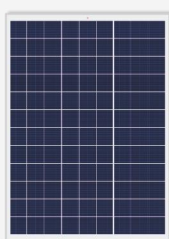
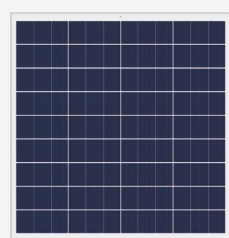
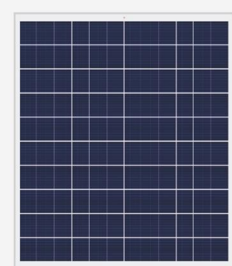
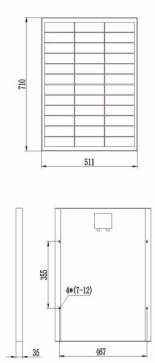
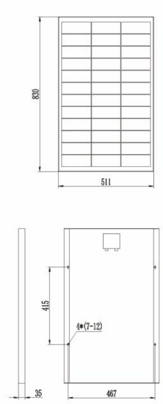
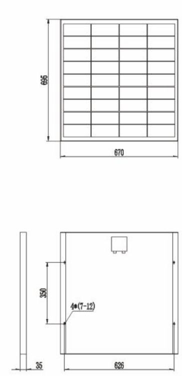
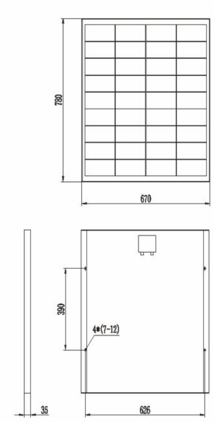
Model	MBF10	MBF20	MBF30	MBF40
Maximum power (Pm/Wp)	10	20	30	40
Power tolerance (%)	±5	±5	±5	±5
Maximum power voltage (Vmp/V)	18.5	18.5	18.5	18.5
Maximum power current(Imp/A)	0.55	1.09	1.63	2.17
Open circuit voltage (Voc/V)	22.0	22.0	22.0	22.0
Short circuit current (Isc/A)	0.61	1.21	1.80	2.39
Module efficiency ηc(%)	11.30	13.02	13.04	14.30
Maximum system voltage (V)	1000	1000	1000	1000
Module working temperature range (℃)	-40~85	-40~85	-40~85	-40~85
Temperature coefficient of Voc	-0.31%/℃	-0.31%/℃	-0.31%/℃	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃	+0.05%/℃	+0.05%/℃	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃	-0.41%/℃	-0.41%/℃	-0.41%/℃
Module dimension(mm)	250*354*25	434*354*25	650*354*25	790*354*25
Module weight(kg)	1.15	1.92	2.83	3.42
Front/rear static loads(kN/m²)	2.4	2.4	2.4	2.4
Packing(pcs/pallet)	5	5	5	5
Appearance diagram				
Product size drawing				

日新科技
RIXIN TECHNOLOGY

Poly Module

MBF50-MBF80

Product Parameter

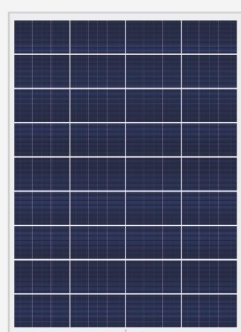
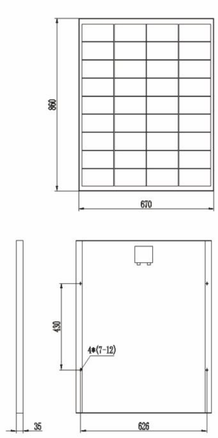
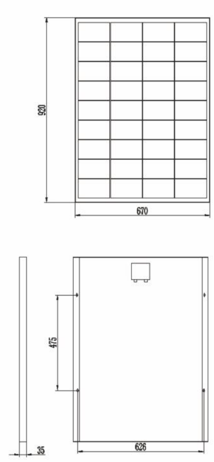
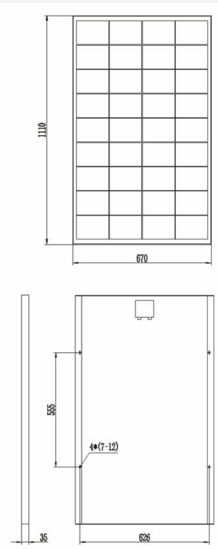
Model	MBF50	MBF60	MBF70	MBF80
Maximum power (Pm/Wp)	50	60	70	80
Power tolerance (%)	±5	±5	±5	±5
Maximum power voltage (Vmp/V)	18.5	18.5	18.5	18.5
Maximum power current(Imp/A)	2.71	3.25	3.79	4.33
Open circuit voltage (Voc/V)	22.0	22.0	22.0	22.0
Short circuit current (Isc/A)	2.99	3.58	4.18	4.77
Module efficiency ηc(%)	14.6	14.85	15.03	15.30
Maximum system voltage (V)	1000	1000	1000	1000
Module working temperature range (℃)	-40~85	-40~85	-40~85	-40~85
Temperature coefficient of Voc	-0.31%/℃	-0.31%/℃	-0.31%/℃	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃	+0.05%/℃	+0.05%/℃	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃	-0.41%/℃	-0.41%/℃	-0.41%/℃
Module dimension(mm)	710*511*35	830*511*35	695*670*35	780*670*35
Module weight(kg)	4.56	5.30	5.65	6.3
Front/rear static loads(kN/m²)	2.4	2.4	2.4	2.4
Packing(pcs/pallet)	5	5	5	5
Appearance diagram				
Product size drawing				

日新科技
RIXIN TECHNOLOGY

Poly Module

MBF90-MBF120

Product Parameter

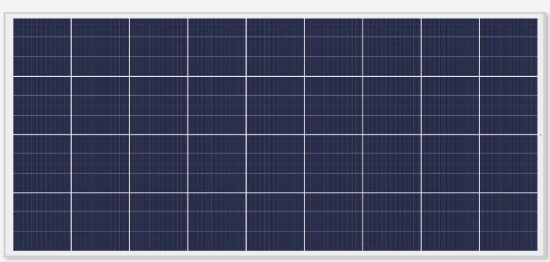
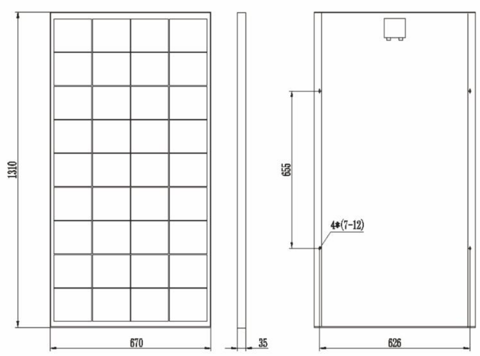
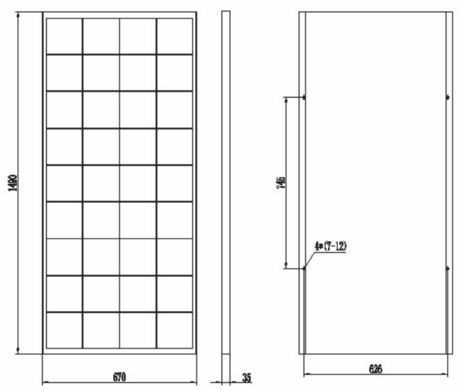
Model	MBF90	MBF100	MBF120
Maximum power (Pm/Wp)	90	100	120
Power tolerance (%)	±5	±5	±5
Maximum power voltage (Vmp/V)	18.5	18.5	18.5
Maximum power current(Imp/A)	4.87	5.41	6.49
Open circuit voltage (Voc/V)	22.0	22.0	22.0
Short circuit current (Isc/A)	5.37	5.96	7.15
Module efficiency ηc(%)	15.62	16.22	16.40
Maximum system voltage (V)	1000	1000	1000
Module working temperature range (℃)	-40~85	-40~85	-40~85
Temperature coefficient of Voc	-0.31%/℃	-0.31%/℃	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃	+0.05%/℃	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃	-0.41%/℃	-0.41%/℃
Module dimension(mm)	860*670*35	920*670*35	1110*670*35
Module weight(kg)	6.4	7.38	8.83
Front/rear static loads(kN/m²)	2.4	2.4	2.4
Packing(pcs/pallet)	5	5	5
Appearance diagram			
Product size drawing			

Poly Module

MBF140-MBF165

日新科技
RIXIN TECHNOLOGY

Product Parameter

Model	MBF140	MBF165
Maximum power (Pm/Wp)	140	165
Power tolerance (%)	±5	±5
Maximum power voltage (Vmp/V)	18.5	18.5
Maximum power current(Imp/A)	7.57	8.92
Open circuit voltage (Voc/V)	22.0	22.0
Short circuit current (Isc/A)	8.34	9.83
Module efficiency ηc(%)	16.5	16.52
Maximum system voltage (V)	1000	1000
Module working temperature range (℃)	-40~85	-40~85
Temperature coefficient of Voc	-0.31%/℃	-0.31%/℃
Temperature coefficient of Isc	+0.05%/℃	+0.05%/℃
Temperature coefficient of Pm	-0.41%/℃	-0.41%/℃
Module dimension(mm)	1310*670*35	1490*670*35
Module weight(kg)	10.38	11.76
Front/rear static loads(kN/m²)	2.4	2.4
Packing(pcs/pallet)	5	5
Appearance diagram		
Product size drawing		

日新科技
RIXIN TECHNOLOGY

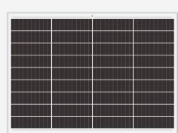
Mono Module

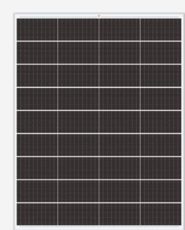
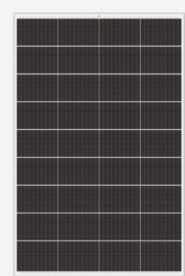
DBF60-DBF180

Product Parameter

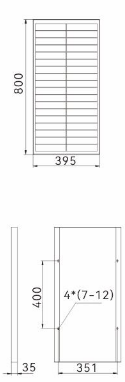
Model	DBF60	DBF80	DBF100	DBF120	DBF150	DBF180
Maximum power (Pm/Wp)	60	80	100	120	150	180
Power tolerance (%)	±5	±5	±5	±5	±5	±5
Maximum power voltage (Vmp/V)	21.46	21.46	21.46	21.46	21.46	21.46
Maximum power current(Imp/A)	2.80	3.73	4.67	5.60	7.00	8.40
Open circuit voltage (Voc/V)	24.91	24.91	24.91	24.91	24.91	24.91
Short circuit current (Isc/A)	3.09	4.12	5.14	6.17	7.71	9.25
Module efficiency ηc(%)	1.67	18.89	18.16	19.73	19.73	20.2
Maximum system voltage (V)	1000	1000	1000	1000	1000	1000
Module working temperature range (℃)	-40~85	-40~85	-40~85	-40~85	-40~85	-40~85
Temperature coefficient of Voc	-0.275%/℃	-0.275%/℃	-0.275%/℃	-0.275%/℃	-0.275%/℃	-0.275%/℃
Temperature coefficient of Isc	+0.05%/℃	+0.05%/℃	+0.05%/℃	+0.05%/℃	+0.05%/℃	+0.05%/℃
Temperature coefficient of Pm	-0.35%/℃	-0.35%/℃	-0.35%/℃	-0.35%/℃	-0.35%/℃	-0.35%/℃
Module dimension(mm)	800*395*35	550*765*35	720*765*35	795*765*35	975*765*35	1185*765*35
Module weight(kg)	4.1	5.1	6.57	7.2	8.77	10.6
Front/rear static loads(kN/m²)	2.4	2.4	2.4	2.4	2.4	2.4
Packing(pcs/pallet)	5	5	5	5	5	5

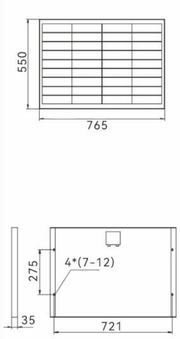
Appearance diagram

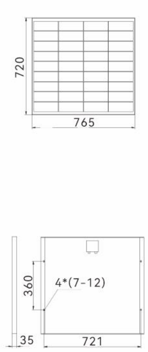



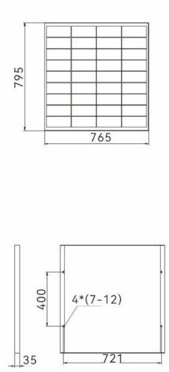




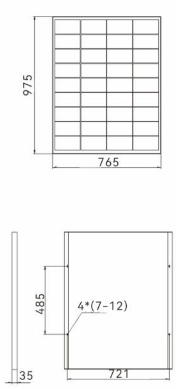
Product size drawing

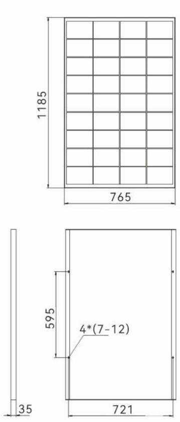












Contact us

Tel : 027-87801237

Web : www.rixinsolar.com.cn

Email : info@rixinsolar.com

Wuhan Rixin Technology Co.,Ltd

Add: Rixin Technology PV Industrial Park, No.6, Middle Maodianshan Road, East Lake Development Zone, Wuhan, China