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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Wuhan Rixin Technology Co., Ltd.**

**DDM(N)365-390**

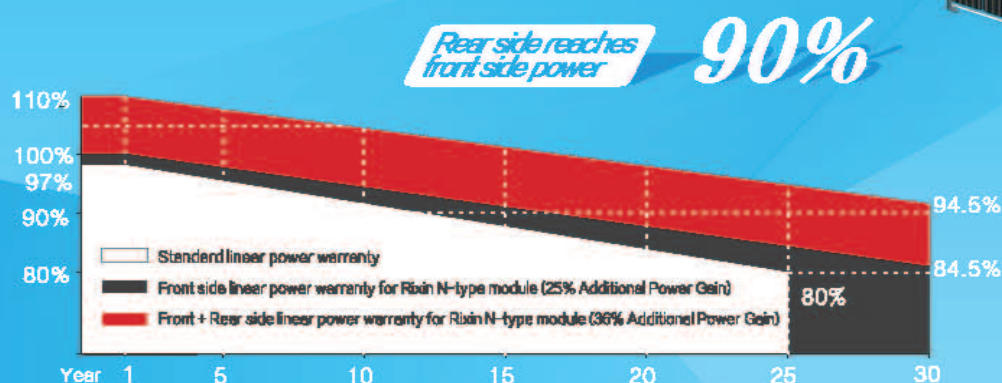
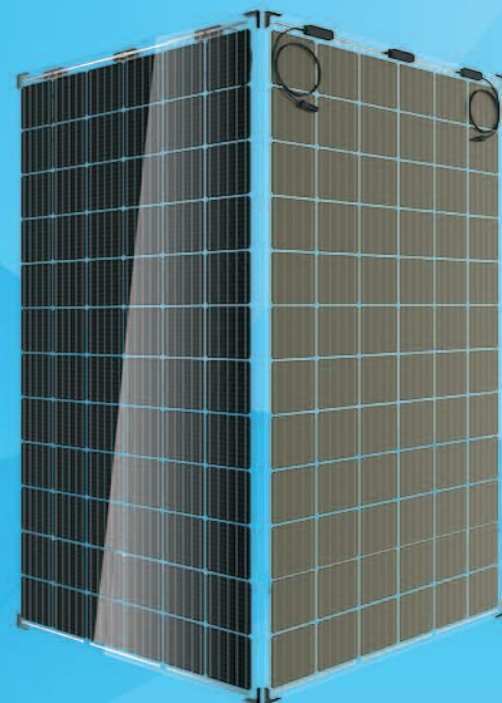
**DDM(N)390**

Also available on the web at  
[EnergyPal.com/wuhan-rixin-technology-co-ltd-solar-panels/ddm-n-390](http://EnergyPal.com/wuhan-rixin-technology-co-ltd-solar-panels/ddm-n-390)

# N-type Monocrystalline Bifacial Double Glass Module

DDM(N)365~390

60cells 0~+5W power tolerance



Excellent performance

Bifacial generation

**10-year**  
Materials & workmanship warranty

**30-year**  
Linear power warranty



## High power output

30-year linear performance warranty  
more than 30% additional power gain



## Zero LID & PID

No LID, more power generation  
No PID, stable power generation



## Fire safety performance

Higher fire safety class to minimize fire risks



## Outstanding module performance

Higher power output, even under low light conditions  
Excellent low irradiation performance and below  $-0.38\% / ^\circ\text{C}$   $\text{TKP}_{\text{max}}$

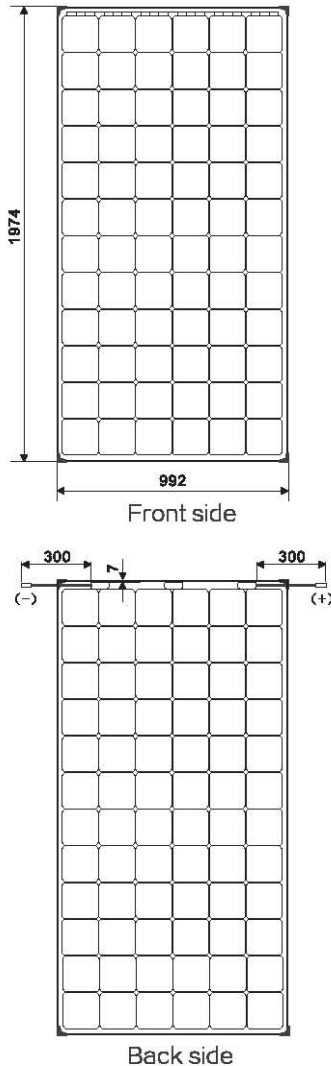


## Wider applications & more flexible installed angle

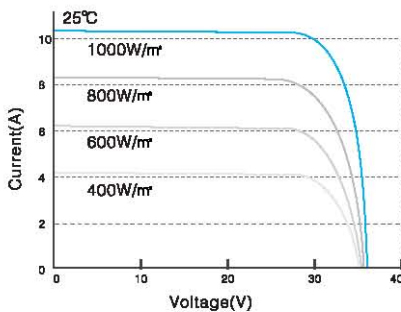
No water-permeability and high wear-resistance, can be widely used  
in high-humid, strong wind & sand areas and not limited to traditional slope installation

# N-type Monocrystalline Bifacial Double Glass Module DDG(N)365~390

## Module dimension (mm)



## I-V curve



## Certificates



## Electrical performance parameters

Model	DDM(N)365	DDM(N)370	DDM(N)375	DDM(N)380	DDM(N)385	DDM(N)390
Maximum power (Pm/Wp)	365	370	375	380	385	390
Maximum power voltage (Vmp/V)	37.0	37.1	37.2	37.3	37.4	37.5
Maximum power current (Imp/A)	9.87	9.98	10.09	10.19	10.3	10.40
Open circuit voltage (Voc/V)	45.4	45.6	45.8	46.1	46.4	46.6
Short circuit current (Isc/A)	10.52	10.60	10.68	10.76	10.84	10.92
Module efficiency (%)	18.6	18.9	19.2	19.4	19.7	19.9

Test condition: Irradiance=(1+0.1BIFI)1000W/m<sup>2</sup>, ambient temperature=25°C, AM=1.5

## Electrical performance parameters (NOCT)

Maximum power (Pm/Wp)	271	275	279	283	286	290
Maximum power voltage (Vmp/V)	34.1	34.2	34.3	34.4	34.5	34.6
Maximum power current (Imp/A)	7.95	8.04	8.13	8.21	8.3	8.39
Open circuit voltage (Voc/V)	42.2	42.5	42.7	42.9	43.2	43.4
Short circuit current (Isc/A)	8.48	8.55	8.61	8.68	8.74	8.81

NOCT: Irradiance=(1+0.1BIFI)800W/m<sup>2</sup>, ambient temperature=20°C, AM=1.5, wind speed=1m/s

## Mechanical performance parameters

Cell Nos & array	72 (6*12)
Diode Nos	3
Connector	Ip68, split
Cable	4mm <sup>2</sup> , 300mm, length custom
Module weight(kg)	28
Module dimension(L*W*H)(mm)	1974*992*6(junction box thickness23)
Packing:	30pcs/pallet

## Temperature coefficient (STC)

Temperature coefficient of Voc	-0.300%/°C
Temperature coefficient of Isc	0.048%/°C
Temperature coefficient of Pm	-0.380%/°C

## Quality parameters

Module working temperature range (°C)	-40~+85
Power tolerance (W)	0~+5
Maximum system voltage (V)	DC1500
System maximum protection current (A)	15
NOCT(°C)	45 ± 2°C
Front/rear static loads(Pa)	5400/2400
Bifacial factor	≥85%
Hot spot	100% hot spot free

## 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.