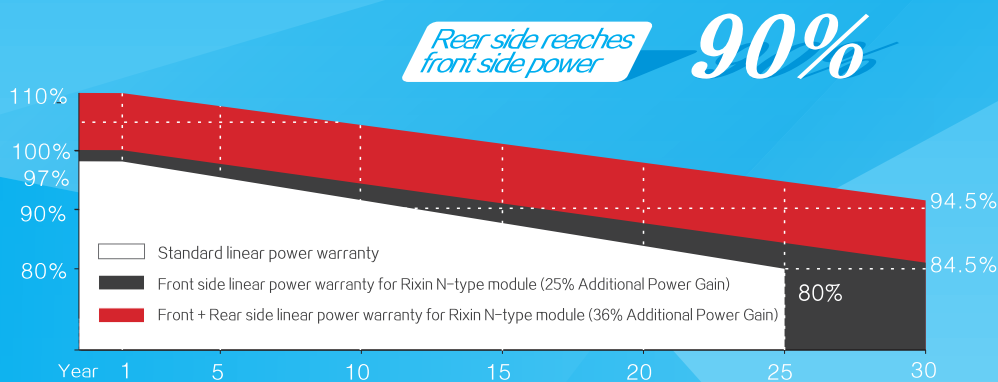
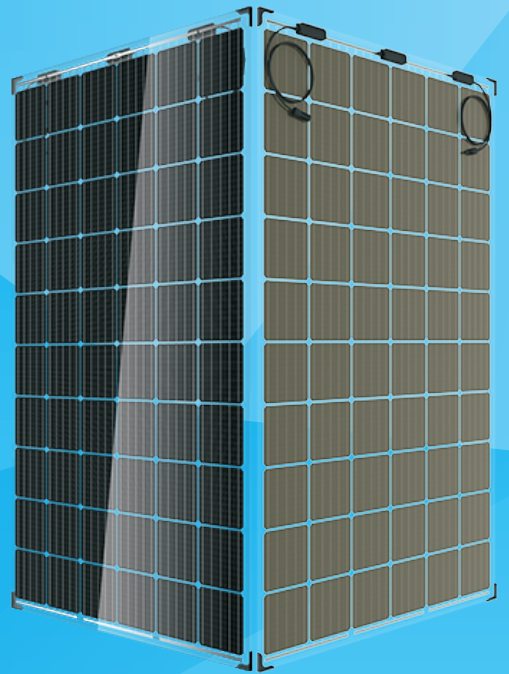


# N-type Monocrystalline Bifacial Double Glass Module

DDM(N)305~325

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  $-0.38\% / ^\circ\text{C TK Pmax}$

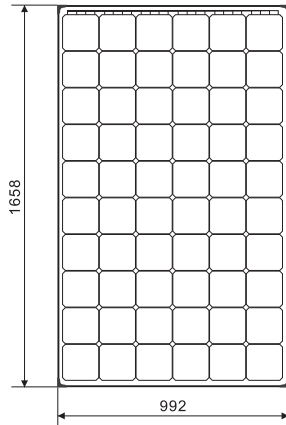


## Wider applications & more flexible installed angle

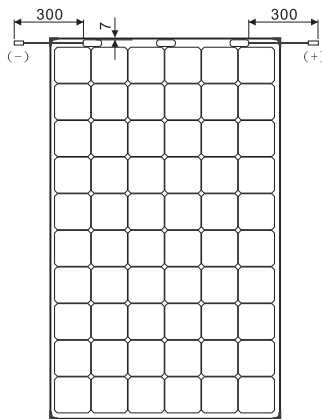
No water-permeability and high wear-resistance, can be widely used  
in high-humid, strong wind & sand areas and not limited to traditional slope installation

# N-type Monocrystalline Bifacial Double Glass Module DDM(N)305~325

## Module dimension (mm)

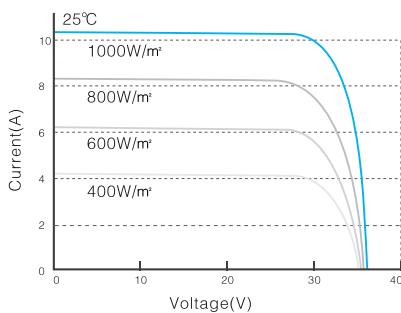


Front side



Back side

## I-V curve



## Certificates



## Electrical performance parameters

Model	DDM(N)305	DDM(N)310	DDM(N)315	DDM(N)320	DDM(N)325
Maximum power (Pm/Wp)	305	310	315	320	325
Maximum power voltage (Vmp/V)	30.9	31.1	31.2	31.3	31.5
Maximum power current (Imp/A)	9.87	9.97	10.10	10.23	10.32
Open circuit voltage (Voc/V)	37.8	38.0	38.2	38.4	38.7
Short circuit current (Isc/A)	10.52	10.60	10.68	10.76	10.84
Module efficiency (%)	18.5	18.8	19.2	19.5	19.8

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)	226	230	234	238	242
Maximum power voltage (Vmp/V)	28.4	28.6	28.7	28.9	29.1
Maximum power current (Imp/A)	7.96	8.04	8.15	8.24	8.32
Open circuit voltage (Voc/V)	35.2	35.4	35.6	35.8	36
Short circuit current (Isc/A)	8.48	8.54	8.61	8.67	8.74

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	60 (6*10)
Diode Nos	3
Connector	Ip68, split
Cable	4mm <sup>2</sup> , 300mm, length custom
Module weight(kg)	23
Module dimension(L*W*H)(mm)	1658*992*6(junction box thickness 23)
Packing:	33pcs/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.