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Solar Panel Guide Specification Data Sheet

Wuhan Rixin Technology Co., Ltd.

DDM(N)305-325

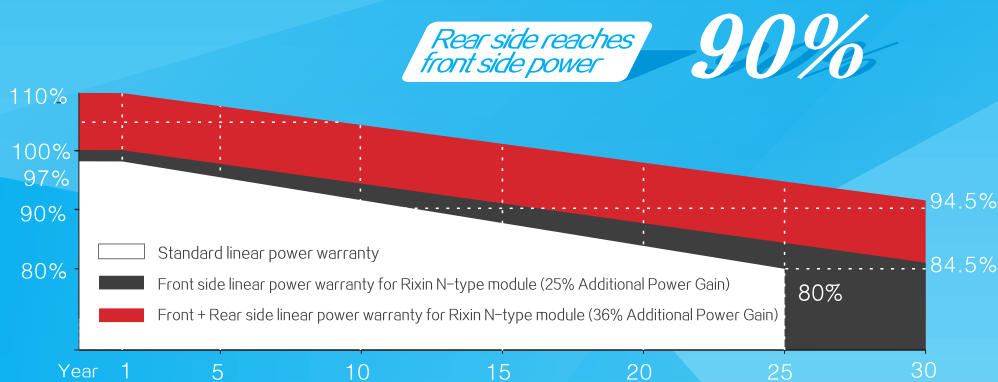
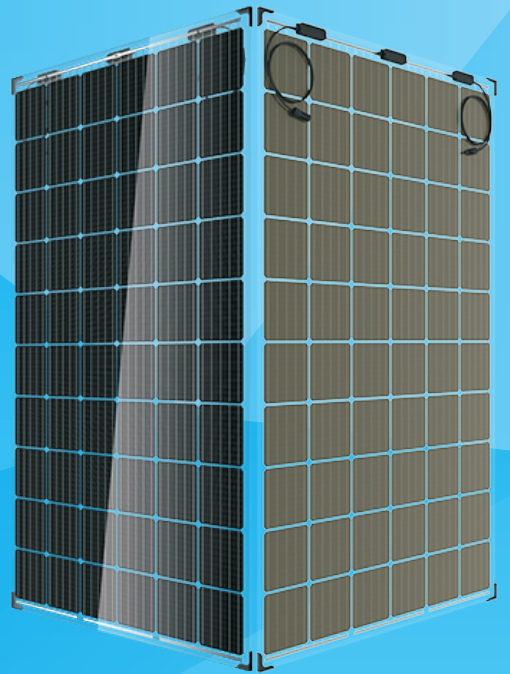
DDM(N)315

Also available on the web at
EnergyPal.com/wuhan-rixin-technology-co-ltd-solar-panels/ddm-n-315

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



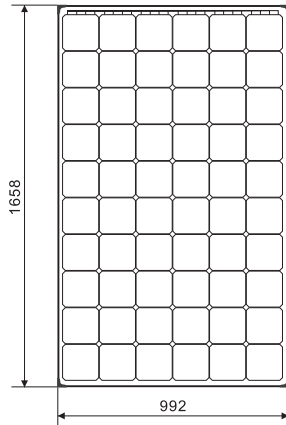
Wider applications & more flexible installed angle

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

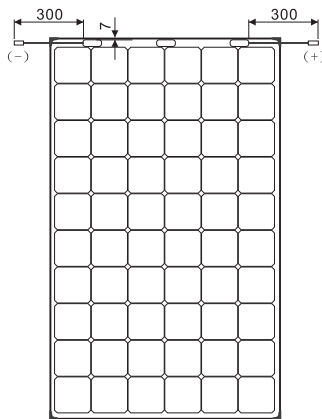
N-type Monocrystalline Bifacial Double Glass Module

DDM(N)305~325

Module dimension (mm)

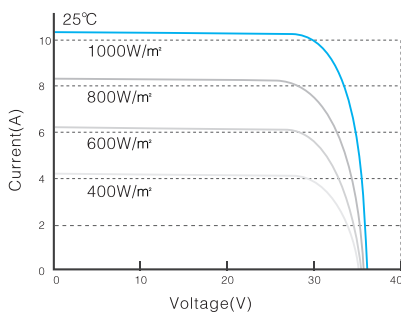


Front side



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/m², 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/m², 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 ² , 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.