

# 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

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

# N-type Mono Bifacial Double Glass Module(framed)

## DDG(N)560-580(K)

### Electrical performance 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

		588Wp	593Wp	599Wp	604Wp	609Wp
5%	Maximum power(Pm/Wp)	588Wp	593Wp	599Wp	604Wp	609Wp
	Module efficiency(%)	22.76%	22.97%	23.17%	23.37%	23.57%
15%	Maximum power(Pm/Wp)	644Wp	650Wp	656Wp	661Wp	667Wp
	Module efficiency(%)	24.93%	25.15%	25.37%	25.60%	25.82%
25%	Maximum power(Pm/Wp)	700Wp	706Wp	713Wp	719Wp	725Wp
	Module efficiency(%)	27.10%	27.34%	27.58%	27.82%	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 <sup>2</sup> , 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 (°C)	-40~+85
Power tolerance (W)	0~+3
Maximum system voltage (V)	DC1500
System maximum protection current (A)	30
NOCT(°C)	45±2
Front/rear static loads(Pa)	2400/5400
Junction box/Connector	Ip68,3diodes

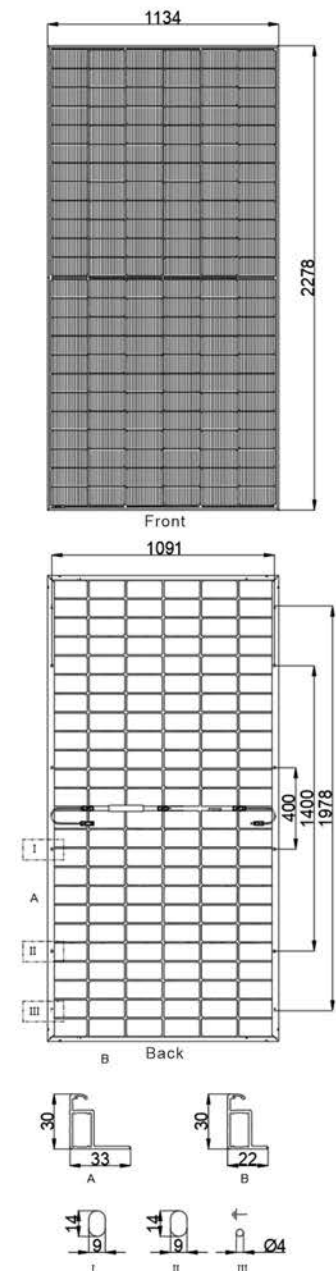
### Temperature coefficient (STC)

Temperature coefficient of Voc	-0.29%/°C
Temperature coefficient of Isc	+0.05%/°C
Temperature coefficient of Pm	-0.29%/°C
Test condition: irradiance=(1+0.1BiFi)1000W/m <sup>2</sup> , ambient temperature=25°C, 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

