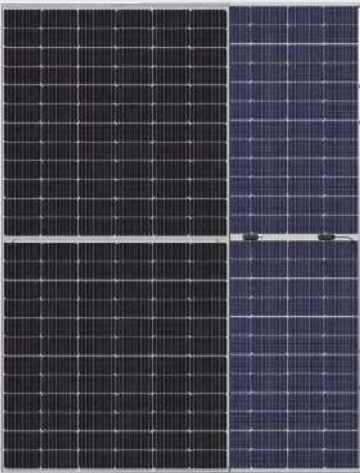


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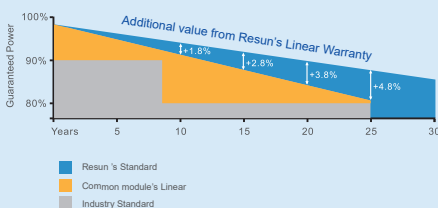
**144 Cells**  
TOPCON Bifacial-mono 16BB

**575W**  
Power output

**22.3%**  
The Highest Efficiency

**0~+5W**  
Tolerance

**0.5% Annual Degradation over 30 years**



LINEAR PERFORMANCE WARRANTY

**15** Year Product Warranty

**30** Year Linear Power Warranty

## RS8I575M-BD TOPCON

RS8I-M-BD series is produced with high efficiency multi-busbar cells, which can reduce the module internal power loss to improve its conversion efficiency, as well as low the failure risk caused by cracks and broken busbar to enhance the module reliability. Combined with half-cell technology, the module is highly resistant to hot-spot crisis caused by shadow effect.



### High Reliability

Multi-busbar technology can effectively reduce the reliability risk caused by cells cracks and broken busbar.



### Anti-PID Resistance

Prominent anti PID performance reduces the power degradation, leading to higher energy yield and lower LCOE.



### Durability Against Extreme Conditions

Certified to resist high salt mist and ammonia conditions.



### High Efficiency

Multi-busbar technology can reduce the module internal power loss to improve the module conversion efficiency significantly.



### Low-Light Performance

With high transmittance and anti-reflective 3.2mm tempered glass, the module has stronger performance under low light circumstances.



### High Mechanical Strength

Certified to withstand: high wind load(2400Pa) and snow load(5400Pa).

## Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

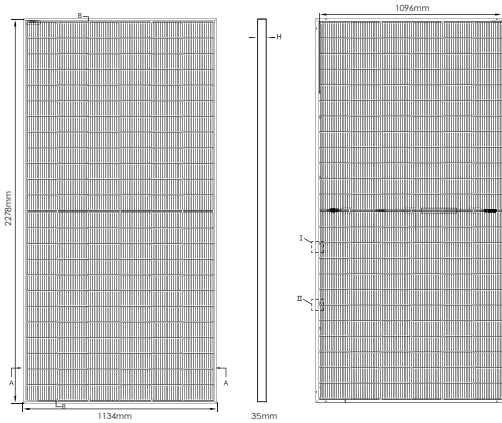


# RS8I575M-BD



GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



## ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	575W
Open Circuit Voltage-Voc(V)	51.50
Short Circuit Current-Isc(A)	14.20
Maximum Power Voltage-Vmp(V)	42.92
Maximum Power Current-Imp(A)	13.40
Module Efficiency (%)	22.3%

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

## BIFACIAL OUTPUT-REAR SIDE POWER GAIN

5%	Maximum Power(pmax) Module Efficiency STC(%)	604 23.4%
15%	Maximum Power(pmax) Module Efficiency STC(%)	661 25.6%
25%	Maximum Power(pmax) Module Efficiency STC(%)	719 27.8%

## ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	436
Open Circuit Voltage-Voc (V)	47.33
Short Circuit Current-Isc (A)	11.36
Maximum Power Voltage-Vmp(V)	40.30
Maximum Power Current-Imp(A)	10.82

NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

## MECHANICAL DATA

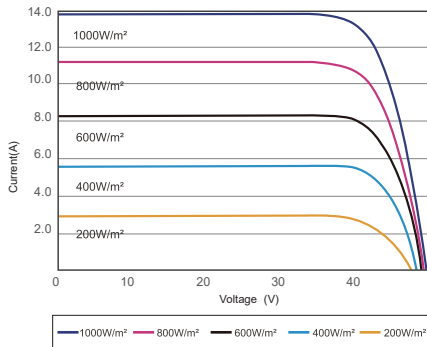
Solar Cells	Bifacial Mono-crystalline 182*91mm, 16 Bus Bars
Cell Configuration	144cells(6*24)
Module Dimensions	2278*1134*35mm
Weight	28.6kg
Front Cover	3.2mm Tempered Glass
J-Box	IP68
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL), 300mm+300mm or customized length
Connectors	MC4 or MC4 Comparable

## TEMPERATURE & MAXIMUM RATINGS

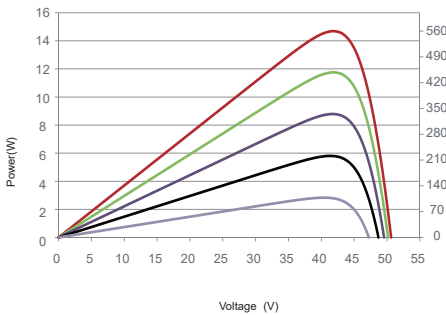
Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	- 0.25%/°C
Temperature Coefficient of Isc	0.045%/°C
Temperature Coefficient of Pmax	- 0.30%/°C
Operational Temperature	- 40~+85°C
Maximum System Voltage	1500V(IEC)/1500V(UL)
Max Series Fuse Rating	30A
Limiting Reverse Current	30A

## PACKAGING CONFIGURATION

pcs/40HQ	620pcs
pcs/pallet	31pcs/pallet
pallets/40HQ	20pallets
demension/pallet	2310*1135*1270mm/pallet
weight/pallet	926kg/pallet



I-V CURVES OF PV MODULE(580W)



P-V CURVES OF PV MODULE(580W)

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