

**144 Cells**

Poly Half-Cell 5BB

**345-370 W**  
Power output

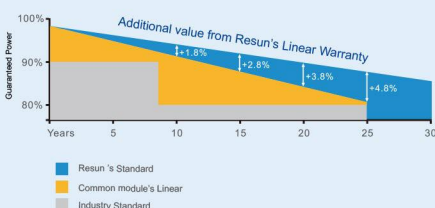
**18.39%**

The Highest Efficiency

**0~+5W**

Tolerance

**0.5% Annual Degradation over 30 years**



**LINEAR PERFORMANCE WARRANTY**  
12 year Product Warranty / 30 year Linear Power Warranty

## RS6I-P

RS6I-P HALF-CELL 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 lower 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-PIE 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

ISO9001 TUV PID-FREE CE IEC 61215/61730/61701/62716

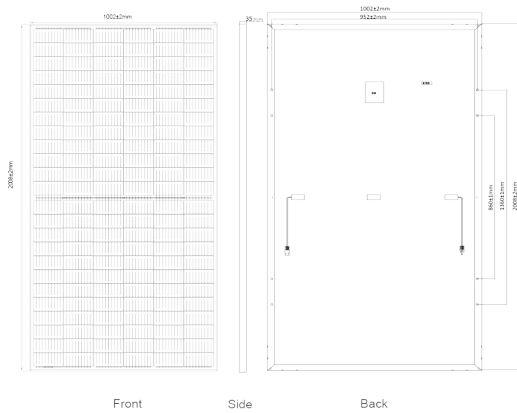


# RS6I-P

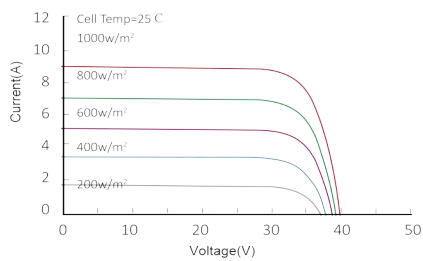


GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

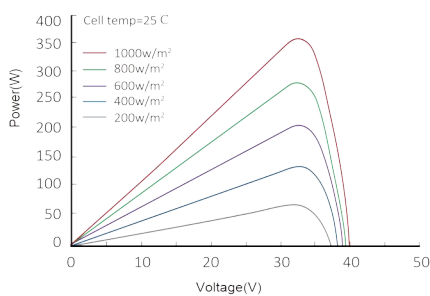
Dimension of PV Modules Unit: mm



Current-Voltage Curve (RS6I-360P)



Power-Voltage Curve (RS6I-360P)



## Partner information

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## ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	345W	350W	355W	360W	365W	370W
Open Circuit Voltage-Voc(V)	46.90V	47.12V	47.34V	47.56V	47.81V	48.06V
Short Circuit Current-Isc(A)	9.47A	9.54A	9.61A	9.68A	9.75A	9.82A
Maximum Power Voltage-Vmp(V)	38.50V	38.76V	39.01V	39.26V	39.50V	39.74V
Maximum Power Current-Imp(A)	8.96A	9.03A	9.10A	9.17A	9.24A	9.31A
Module Efficiency(%)	17.15%	17.40%	17.64%	17.89%	18.14%	18.39%

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

## ELECTRICAL DATA(NOCT)

Rated Power in Watts-Pmax(Wp)	257.4W	261.1W	264.8W	268.6W	272.3W	276.0W
Open Circuit Voltage-Voc(V)	43.95V	44.15V	44.36V	44.56V	44.80V	45.03V
Short Circuit Current-Isc(A)	7.65A	7.71A	7.76A	7.82A	7.88A	7.93A
Maximum Power Voltage-Vmp(V)	35.86V	36.10V	36.33V	36.56V	36.79V	37.01V
Maximum Power Current-Imp(A)	7.18A	7.23A	7.29A	7.35A	7.40A	7.46A

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

## MECHANICAL DATA

Solar Cells	Poly Half-Cell 158.75x79.375mm, 5 Bus bars
Cell Configuration	144 Cells (6x24)
Module Dimensions	2008x1002x35mm
Weight	22.5KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 3 Diodes
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL), 300mm or customized
Connectors	MC4 or MC4 Comparable
Standard Packaging	31pcs/pallet

## TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature(NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V(IEC)
Max Series Fuse Rating	20A

## PACKAGING CONFIGURATION

Packing Type	40HQ
Piece/Pallet	726pcs
Pallet/Container	31pcs/pallet, 2pcs/carton
Piece/Container	22pallets + 22cartons