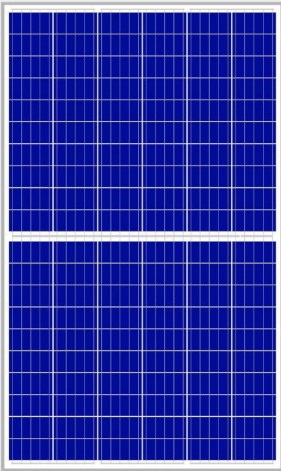


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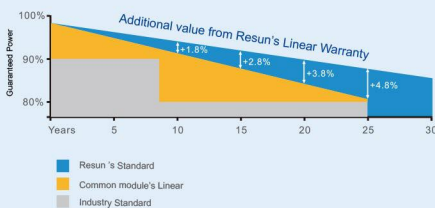
120 Cells
Poly Half-Cell 5BB

285-310 W
Power output

18.37%
The Highest Efficiency

0~ +5W
Tolerance

0.5% Annual Degradation over 30 years



RS6K-P

RS6K-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-PIPO 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



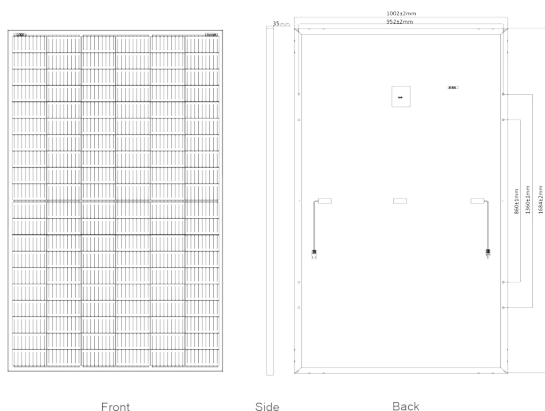
LINEAR PERFORMANCE WARRANTY
12 year Product Warranty / 30 year Linear Power Warranty

RS6K-P



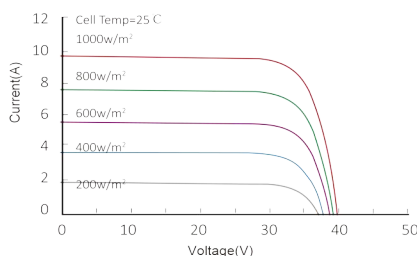
GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm

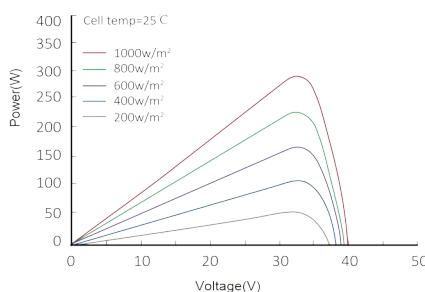


Front Side Back

Current-Voltage Curve (RS6K-300P)



Power-Voltage Curve (RS6K-300P)



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	285W	290W	295W	300W	305W	310W
Open Circuit Voltage-Voc(V)	38.80V	39.00V	39.20V	39.40V	39.60V	39.80V
Short Circuit Current-Isc(A)	9.42A	9.52A	9.62A	9.72A	9.82A	9.92A
Maximum Power Voltage-Vmp(V)	31.60V	31.80V	32.00V	32.20V	32.40V	32.60V
Maximum Power Current-Imp(A)	9.02A	9.12A	9.87A	9.31A	9.41A	9.51A
Module Efficiency(%)	16.89%	17.19%	17.48%	17.78%	18.08%	18.37%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Rated Power in Watts-Pmax(Wp)	212.6W	216.3W	220.1W	223.8W	227.5W	231.3W
Open Circuit Voltage-Voc(V)	36.36V	36.54V	36.73V	36.92V	37.11V	37.29V
Short Circuit Current-Isc(A)	7.61A	7.69A	7.77A	7.85A	7.93A	8.02A
Maximum Power Voltage-Vmp(V)	29.43V	29.61V	29.80V	30.01V	30.19V	30.36V
Maximum Power Current-Imp(A)	7.23A	7.31A	7.39A	7.46A	7.54A	7.62A

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar Cells	Half-Cell Poly 158.75x79.375mm, 5 Bus bars
Cell Configuration	120 Cells (6x20)
Module Dimensions	1684x1002x35mm
Weight	19KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 3 Diodes
Cable	4mm ² (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	924pcs
Pallet/Container	31pcs/pallet, 2pcs/carton
Piece/Container	28pallets + 28cartons

Partner information



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