

**120 CELLS**

Mono Half-Cell 9BB

**325-340 W**

Power output

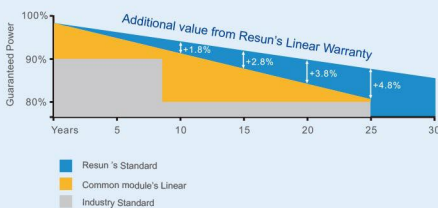
**20.15%**

The Highest Efficiency

**0~ +3%**

Tolerance

**0.5% Annual Degradation  
over 30 years**



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

## RS6K-M BLACK FRAME

RS6K-M 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. The black frame design makes the module appearance outstanding and ideal for building installations.



### High Reliability

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



### Aesthetic Design

The black frame module is aesthetically designed with outstanding and premium visual appearance.



### 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

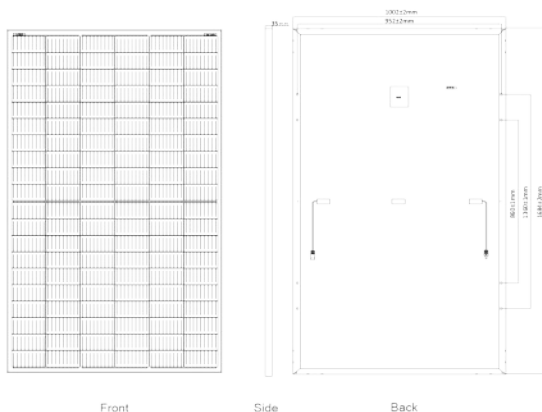


# RS6K-M



GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



## ELECTRICAL DATA(STC)

| Rated Power in Watts-Pmax(Wp) | 325W   | 330W   | 335W   | 340W   |
|-------------------------------|--------|--------|--------|--------|
| Open Circuit Voltage-Voc(V)   | 41.1V  | 41.3V  | 41.5V  | 41.7V  |
| Short Circuit Current-Isc(A)  | 10.20A | 10.31A | 10.36A | 10.55A |
| Maximum Power Voltage-Vmp(V)  | 33.6V  | 33.8V  | 34.0V  | 34.2V  |
| Maximum Power Current-Imp(A)  | 9.68A  | 9.77A  | 9.87A  | 9.96A  |
| Module Efficiency (%)         | 19.26% | 19.56% | 19.85% | 20.15% |

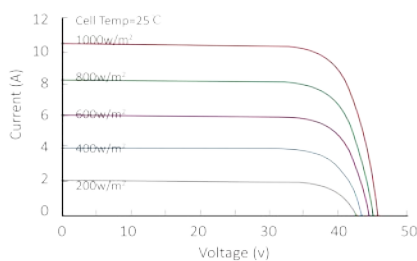
STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

## ELECTRICAL DATA(NOCT)

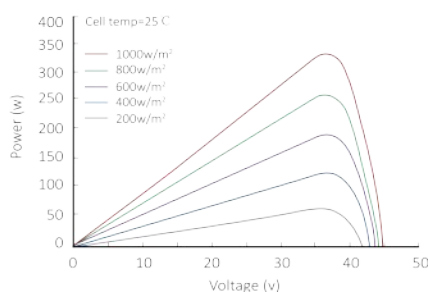
| Maximum Power-Pmax (Wp)       | 242W  | 246W  | 250W  | 253W  |
|-------------------------------|-------|-------|-------|-------|
| Open Circuit Voltage-Voc (V)  | 38.0V | 38.2V | 38.4V | 38.6V |
| Short Circuit Current-Isc (A) | 8.54A | 8.65A | 8.74A | 8.86A |
| Maximum Power Voltage-Vmp(V)  | 31.6V | 31.8V | 32.0V | 32.2V |
| Maximum Power Current-Imp(A)  | 7.66A | 7.74A | 7.82A | 7.86A |

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

Current-Voltage Curve (RS6K-330M)



Power-Voltage Curve (RS6K-330M)



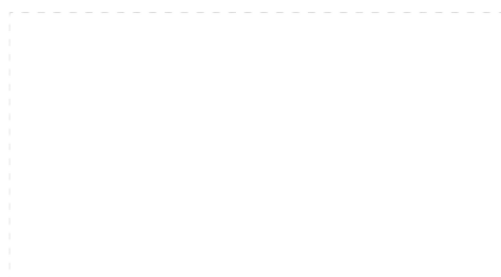
## MECHANICAL DATA

|                    |  |
|--------------------|--|
| Solar cells        | Half-Cell Mono 158.75mmx79.375mm, 9 Bus bars |
| Cell configuration | 120 Cells (6x20)                             |
| Module dimensions  | 1684x1002x35mm                               |
| Weight             | 19KGS  |
| Front Cover        | 3.2mm Tempered Glass                         |
| Frame Material     | Black Anodized Aluminum Alloy                |
| J-BOX              | IP67 or IP68, 3 Diodes                       |
| Cable              | 4mm <sup>2</sup> (IEC)/12AWG(UL), 300mm      |
| 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           | -0.34%/°C           |
| Operational Temperature                   | -40~+85°C           |
| Maximum System Voltage                    | 1500V(IEC)/600V(UL) |
| Max Series Fuse Rating                    | 20A                 |

## Partner information



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## PACKAGING CONFIGURATION

|                       |                           |
|-----------------------|---------------------------|
|                       | 40HQ                      |
| Modules per container | 924pcs                    |
| Package               | 31pcs/pallet, 2pcs/carton |
| Package Number        | 28pallets + 28cartons     |