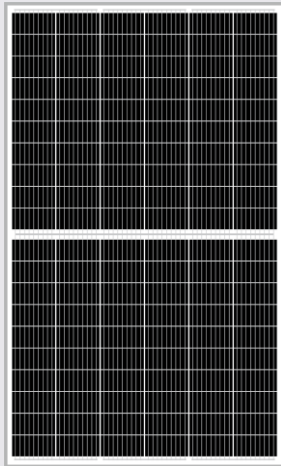


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## RS6K-M

Half-cell high-efficiency solar panel is cutting cells One divides into two, it could reduce thermal resistance, improve output power 5-10W; it could meet 1500V whole system voltage design demand and reduce whole system cost 10%. In comparison to full solar cell modules, this one cell's sub-fissure, power attenuation and sunshine occlusion is more lower; and excellent high temperature character. It is the best choice for large ground power station, Ecological agriculture fishery project and Distributed beach project.

**120 Cells**

Mono Half-Cell 9BB

**325-340 W**

Power output

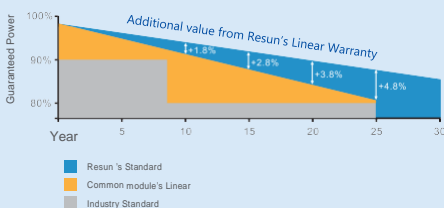
**20.15%**

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



**HIGHER ENERGY GENERATION  
AND LOWER POWER LOSS**



**ANTI HOT SPOT & PID FREE**



**LESS SHADING EFFECT**



**APPLICABLE FOR 1500V SYSTEM, LOWER  
SYSTEM COST**



**Entire module certified to withstand high  
wind loads (2400 Pascal) and snow loads  
(5400 Pascal)\***

**Full range of products and certification systems**

ISO9001 TUV PID-FREE CE IEC 61215/61730

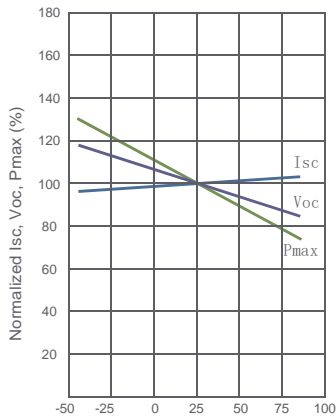
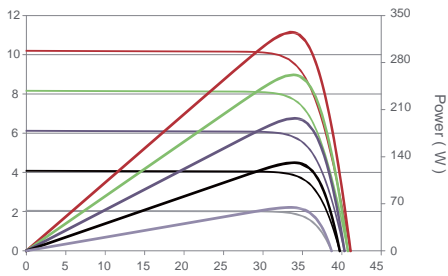
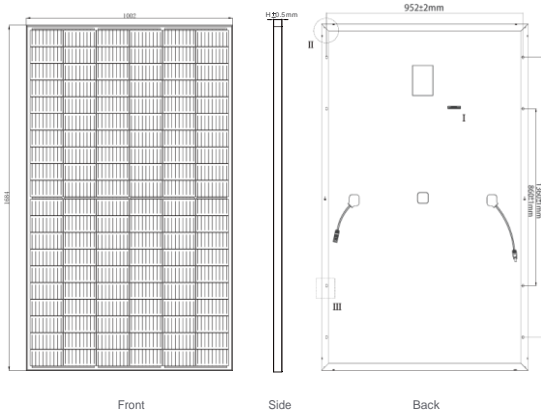


# RS6K-M

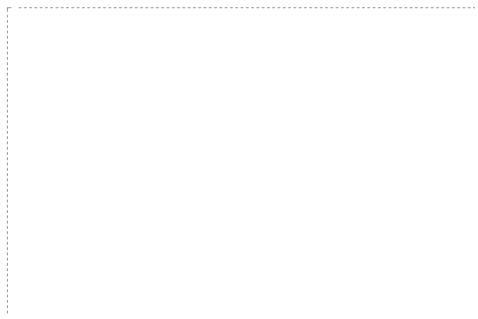


GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Module: Unit:mm



## Partner information



## 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)

Rated Power in Watts-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.

## MECHANICAL DATA

Solar Cells	Half-Cell Mono 158.75x158.75mm, 9 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, 3 Diodes
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL),300mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	30pcs/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)/600V(UL)
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

## PACKAGING CONFIGURATION

	40HQ
Modules per container	896pcs
Package	30pcs/pallet, 2pcs/carton
Package Number	28pallets + 28cartons