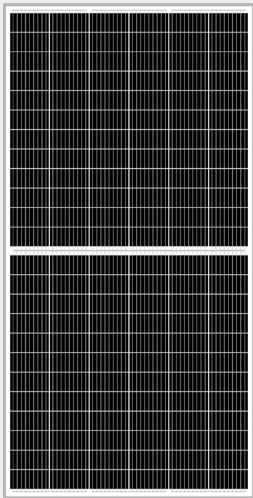


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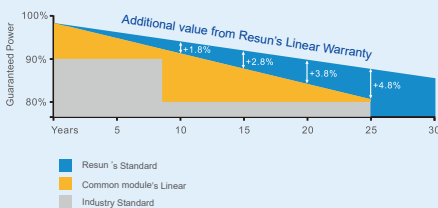
**144 Cells**  
Mono Half-Cell 9BB

**390-410 W**  
Power output

**20.38%**  
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-M

RS6I-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.



**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(2400Pascal) and snow loads  
(5400 Pascal)\***

**Full range of products and certification systems**

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

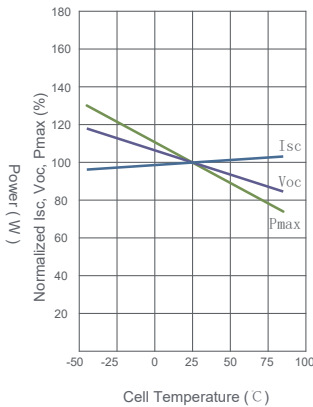
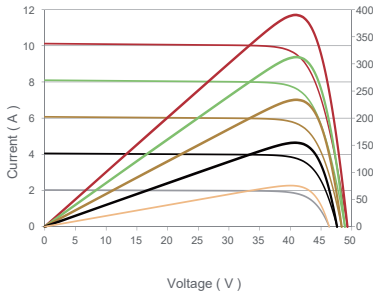
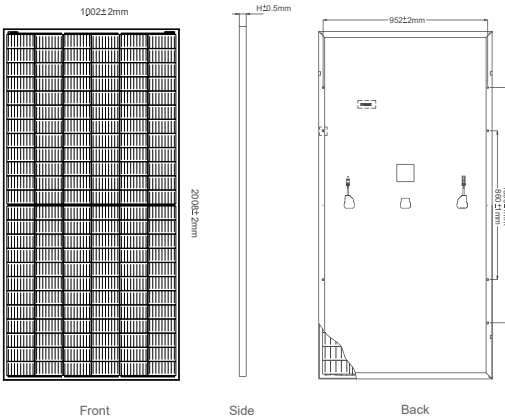


# RS6I-M



GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



## Partner information



A: Room 606, No. 13, Yongshang Garden, Jingfeng Road, Mudu Town, Wuzhong District, Suzhou, Jiangsu Province, China  
 F: +86512-66292101 T: +86 512-66293858  
 W: www.resunsolar.com E: info@resunsolar.com

## ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	390W	395W	400W	405W	410W
Open Circuit Voltage-Voc(V)	49.3V	49.5V	49.8V	50.1V	50.4V
Short Circuit Current-Isc(A)	10.12A	10.23A	10.36A	10.48A	10.60A
Maximum Power Voltage-Vmp(V)	41.1V	41.4V	41.7V	42.0V	42.3V
Maximum Power Current-Imp(A)	9.49A	9.55A	9.60A	9.65A	9.69A
Module Efficiency (%)	19.38%	19.63%	19.88%	20.13%	20.38%

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)	294W	298W	303W	307W	310W
Open Circuit Voltage-Voc (V)	48.0V	48.2V	48.5V	48.7V	48.9V
Short Circuit Current-Isc (A)	8.02A	8.09A	8.16A	8.22A	8.26A
Maximum Power Voltage-Vmp(V)	39.1V	39.3V	39.6V	39.8V	40.0V
Maximum Power Current-Imp(A)	7.54A	7.60A	7.66A	7.72A	7.76A

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	144 Cells (6x24)
Module dimensions	2008x1002x40mm
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
Connectors	MC4 or MC4 Comparable
Standard Packaging	27pcs/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

	40HQ
Modules per container	638pcs
Package	27pcs/pallet, 2pcs/carton
Package Number	22pallets + 22cartons