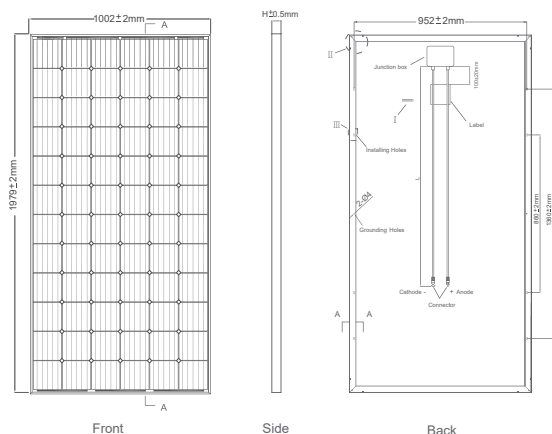


RS6S-M(380-400)



GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	380W	385W	390W	395W	400W
Open Circuit Voltage-Voc(V)	48.9V	49.1V	49.3V	49.5V	49.8V
Short Circuit Current-Isc(A)	9.75A	9.92A	10.12A	10.23A	10.36A
Maximum Power Voltage-Vmp(V)	40.5V	40.8V	41.1V	41.4V	41.7V
Maximum Power Current-Imp(A)	9.39A	9.44A	9.49A	9.55A	9.60A
Module Efficiency (%)	19.16%	19.42%	19.67%	19.92%	20.17%

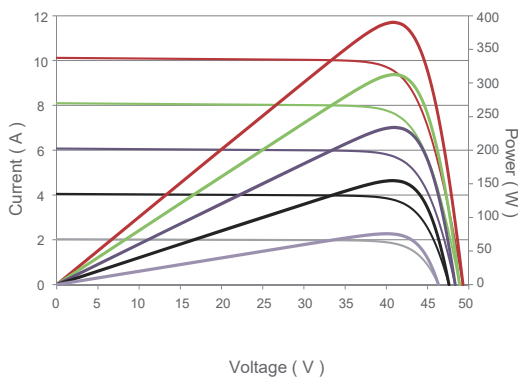
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	286W	290W	294W	298W	302W
Open Circuit Voltage-Voc (V)	47.5V	47.7V	48.0V	48.2V	48.5V
Short Circuit Current-Isc (A)	7.88A	7.95A	8.02A	8.09A	8.16A
Maximum Power Voltage-Vmp(V)	38.60V	38.80V	39.1V	39.3V	39.6V
Maximum Power Current-Imp(A)	7.42A	7.48A	7.54A	7.60A	7.66A

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

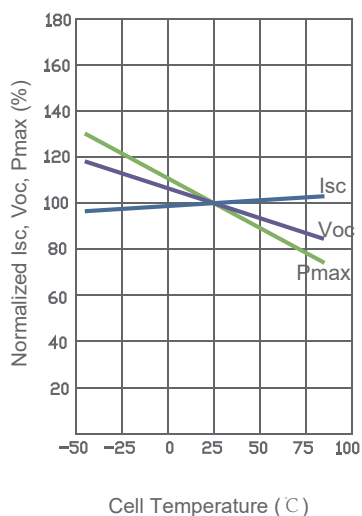
Current-Voltage & Power-Voltage Curves



MECHANICAL DATA

Solar cells	Mono-crystalline 158.75x 158.75mm, 5 Bus bars
Cell configuration	72 cells(6x12)
Module dimensions	1979x 1002x40mm(77.91 x 39.45x 1.57in)
Weight	22.5KG (49.6lbs)
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67
Cable	4mm ² (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	26pcs/pallet

Temperature Dependence of Isc, Voc, Pmax



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
Limiting Reverse Current	20A

PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	720pcs	270pcs
Package	27pcs/pallet,2pcs/carton box	27pcs/pallet
Package Number	24pallets + 36carton boxes	10pallets
Package Weight	600kg/pallet,46kg/carton box	600kg/pallet
Package Dimension	2003*1130*1130mm/pallet 2003*1012*90mm/carton box	2003*1130*1130mm/pallet



RS6S-M is a robust solar module with 72 solar cells. These modules can be used for on-grid solar applications. Our meticulous design and production techniques ensure a high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee Resun Solar's modules meet the highest quality standards possible.

RS6S-M have five instead of three bus bars, which allows more efficient current collection and can also improve long-term performance.

The RS6S-M cells use a novel junction formation technology which is standard in semiconductor manufacturing. This allows for improved minority carrier lifetimes and a very tight distribution of cell performance in manufacturing. RS6S-M cells are PID free and further increase the cell efficiency allowing to increase the average module power distribution.

RS6S-M

72 Cells

Mono-crystalline

380-400W

Power output

20.17%

The Highest Efficiency

0~ +5W

Tolerance



High module conversion efficiency (up to 20.17%), through superior manufacturing technology



Guaranteed 0~+5W positive power output tolerance ensures high reliability



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust

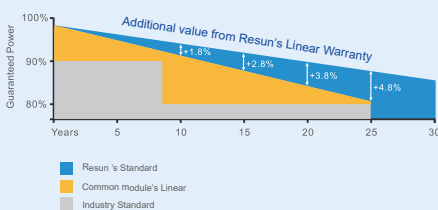


Excellent performance under low light environments (mornings, evenings and cloudy days)



Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)

0.5% Annual Degradation over 30 years



Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716



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