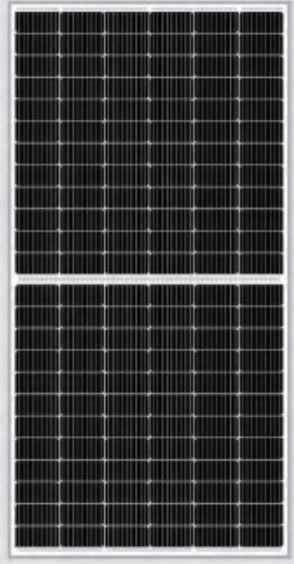


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RS7I-M

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 cells subfissure, 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.



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)*

144 Cells

Mono-crystalline

450-465W

Power output

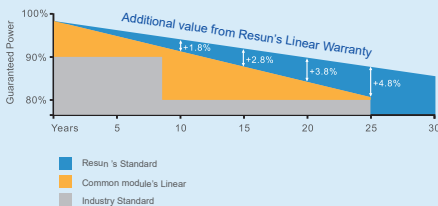
21.39%

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

Full range of products and certification systems

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

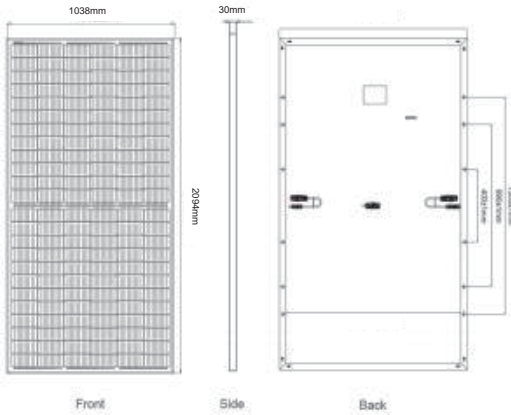


RS71-M

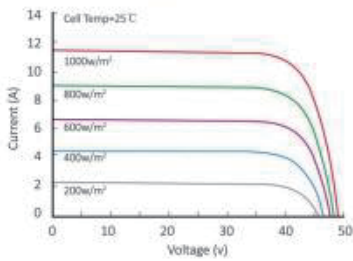


GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

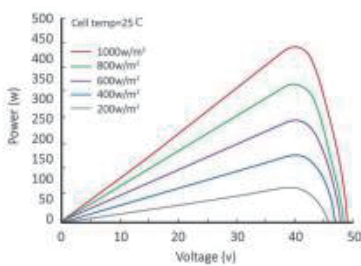
Dimension of PV Modules Unit: mm



Current-Voltage Curve (RS71-440M)



Power-Voltage Curve (RS71-440M)



Partner information



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	450W	455W	460W	465W
Open Circuit Voltage-Voc(V)	49.3V	49.5V	49.7V	49.9V
Short Circuit Current-Isc(A)	11.6A	11.67A	11.74A	11.82A
Maximum Power Voltage-Vmp(V)	41.5V	41.7V	41.9V	42.09V
Maximum Power Current-Imp(A)	10.85A	10.91A	10.98A	11.05A
Module Efficiency (%)	20.70%	20.93%	21.16%	21.39%

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)	336.1W	339.8W	343.6W	346.9W
Open Circuit Voltage-Voc (V)	46.2V	46.4V	46.6V	46.76V
Short Circuit Current-Isc (A)	9.38A	9.43A	9.48A	9.55A
Maximum Power Voltage-Vmp(V)	38.70V	38.90V	39.10V	39.20V
Maximum Power Current-Imp(A)	8.68A	8.74A	8.79A	8.85A

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

MECHANICAL DATA

Solar cells	Mono-crystalline
Cell configuration	144cells(6*24)
Module dimensions	2094*1038*30mm
Weight	21.7KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP68, 3 Diodes
Cable	4mm2(IEC)/12AWG(UL),300mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	36pcs/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)/1500V(UL)
Max Series Fuse Rating	20A

PACKAGING CONFIGURATION

	40HQ
Number of modules per container	836pcs
Package	36pcs/pallet,2pcs/carton box
Package Number	22pallets+22carton