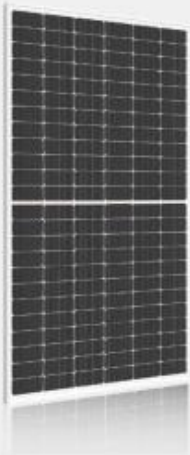




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### 144 Cells

N-type TopCon Mono crystalline module

### 575Watt

Power output

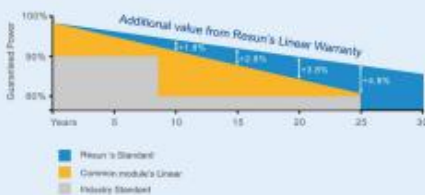
### 22.26%

The Highest Efficiency

### 0~ +5W

Tolerance

### 0.5% Annual Degradation over 30 years



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

# RS8I-575M-F30

RS8I-575 M is half-cell N-type TopCon Monofacial module 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



High module conversion efficiency (up to 22.26%), 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)

### Full range of products and certification systems

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

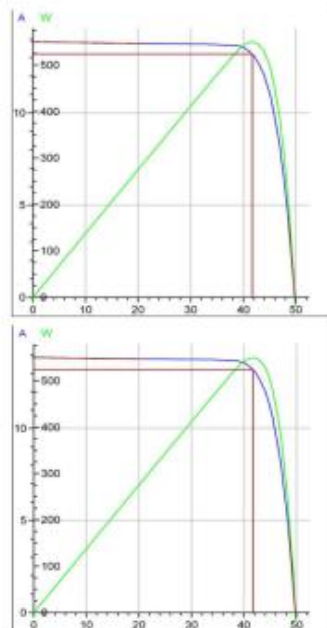
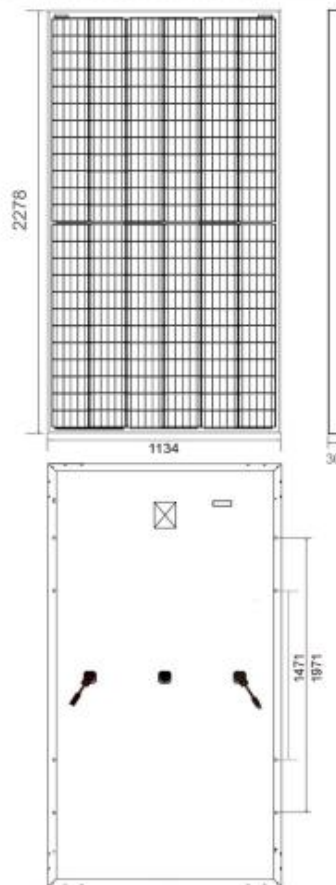


# RS8I-575M-F30



GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

## Dimension of PV Modules Unit: mm



## ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	575W
Open Circuit Voltage-Voc(V)	50.50
Short Circuit Current-Isc(A)	14.28
Maximum Power Voltage-Vmp(V)	42.57
Maximum Power Current-Imp(A)	13.51
Module Efficiency (%)	22.26%

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)	436
Open Circuit Voltage-Voc (V)	47.33
Short Circuit Current-Isc (A)	11.36
Maximum Power Voltage-Vmp(V)	40.30
Maximum Power Current-Imp(A)	10.82

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

## MECHANICAL DATA

Solar cells	Mono-crystalline 182*91mm,10 Bus bars
Cell configuration	144cells(6*24)
Module dimensions	2278*1134*30mm
Weight	27.2 kg
Front Cover	3.2mm Tempered Glass
J-BOX	IP68
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL),300mm/400mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	36 pcs/pallet

## TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.32%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1500W(IEC)/1500v(UL)
Max Series Fuse Rating	25A
Limiting Reverse Current	25A

## PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	720 pcs	
Package	36 pcs/pallet	
Package Weight	20pallets	
Package Number	1000 kg/pallet	
Package Dimension		

SUZHOU KINSPIRE ENERGY CO., LTD.

Room 5163, West Side of 5th Floor, No. 4 Standard Workshop, No. 165 South Dongwu Road, Economic Development Zone, Wuzhong District, Suzhou, China

E: info@kinspire-energy.com  
W: www.kinspire-energy.com