

## RS6C-P

RS6C-P is a robust solar module with 60 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.

**60 Cells**

Polycrystalline

**270-290 W**

Power output

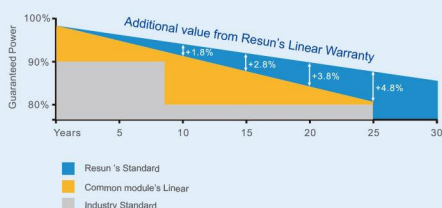
**17.83%**

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



High module conversion efficiency (up to 17.83%), 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

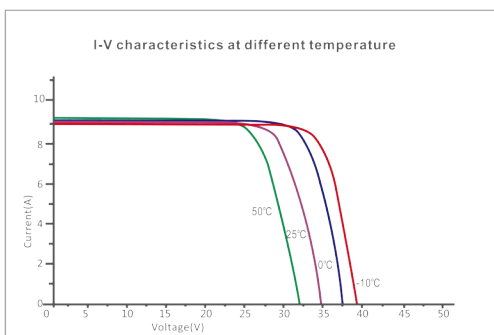
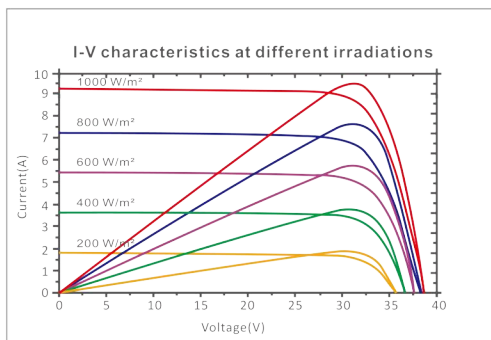
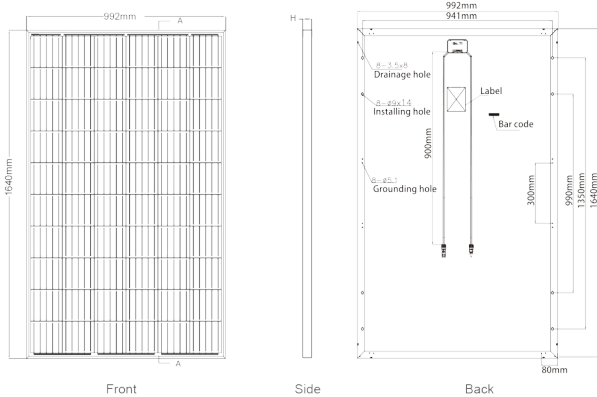
ISO 9001 TUV PID-FREE CE IEC 61215/61730/61701/62716



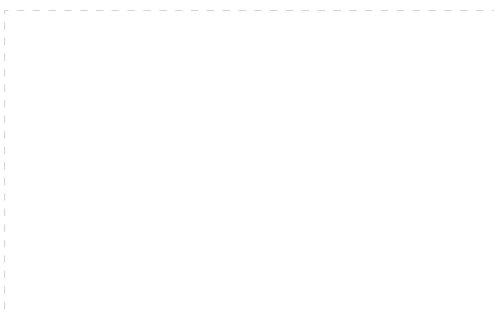
# RS6C-P

GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



## Partner information



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

## ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	270W	275W	280W	285W	290W
Open Circuit Voltage-Voc(V)	37.9V	38.1V	38.2V	38.3V	38.4V
Short Circuit Current-Isc(A)	9.76A	9.32A	9.40A	9.49A	9.59A
Maximum Power Voltage-Vmp(V)	30.7V	31.1V	31.4V	31.6V	31.8V
Maximum Power Current-Imp(A)	8.79A	8.84A	8.92A	9.02A	9.12A
Module Efficiency (%)	16.60%	16.80%	17.10%	17.40%	17.83%

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)	198W	204W	208W	211W	215W
Open Circuit Voltage-Voc (V)	35.4V	35.3V	35.4V	35.5V	35.6V
Short Circuit Current-Isc (A)	7.29A	7.52A	7.59A	7.66A	7.74A
Maximum Power Voltage-Vmp(V)	28.5V	28.8V	29.0V	29.2V	29.4V
Maximum Power Current-Imp(A)	6.95A	7.09A	7.15A	7.23A	7.31A

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

## MECHANICAL DATA

Solar cells	Polycrystalline 156.75x156.75mm, 5 Bus bars
Cell configuration	60 Cells (6x10)
Module dimensions	1640x992x35mm
Weight	19KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 3 Diodes
Cable	4mm <sup>2</sup> (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	31pcs/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	1000V(IEC)/600V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

## PACKAGING CONFIGURATION

	40HQ	20GP
Modules per container	952pcs	372pcs
Package	31pcs/pallet, 2pcs/carton	31pcs/pallet
Package Number	28pallets + 42cartons	12pallets