



WWW.RESUNSOLAR.COM



60 Cells

Poly-crystalline

270W

Power output

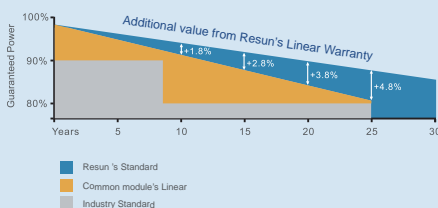
16.70%

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

RS6C270P

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.



High module conversion efficiency (up to 16.70%), 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

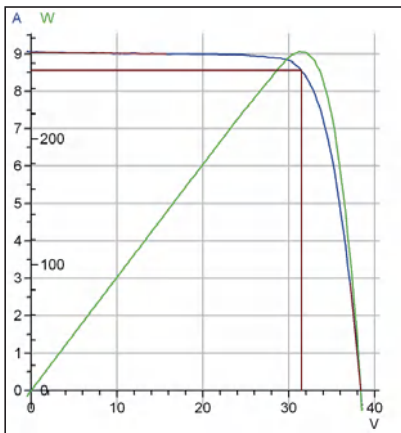
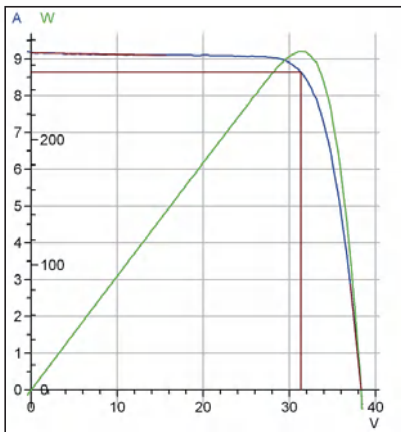
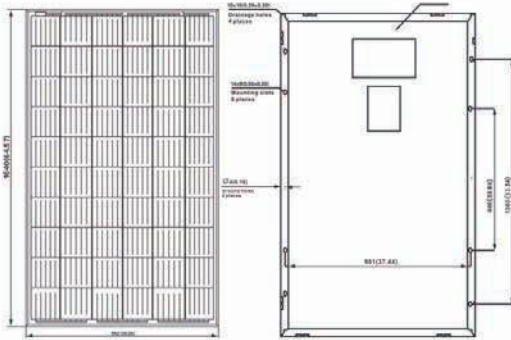


RS6C270P



GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	270W
Open Circuit Voltage-Voc(V)	37.90V
Short Circuit Current-Isc(A)	9.19A
Maximum Power Voltage-Vmp(V)	30.72V
Maximum Power Current-Imp(A)	8.79A
Module Efficiency (%)	16.70%

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)	201.44W
Open Circuit Voltage-Voc (V)	35.51V
Short Circuit Current-Isc (A)	7.43A
Maximum Power Voltage-Vmp(V)	28.61V
Maximum Power Current-Imp(A)	7.04A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 156 x 156mm, 5 Bus bars
Cell configuration	60cells(6x10)
Module dimensions	1640 x 992 x30mm
Weight	18KGS
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	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)/900V(UL)
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

PACKAGING CONFIGURATION

	40HQ	
Number of modules per container	1120pcs	
Package	36pcs/pallet,2pcs/carton box	
Package Number	28pallets + 56carton boxes	
Package Weight		
Package Dimension	1680*1100*1120mm/pallet 1680*1020*90mm/carton box	

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