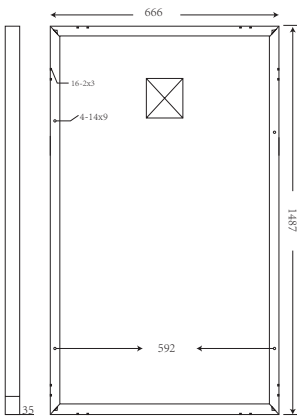
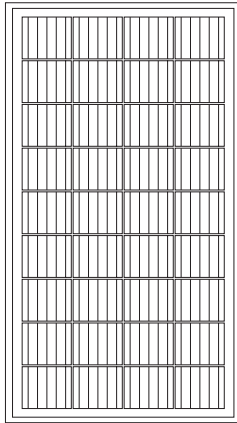


RS6E-160P

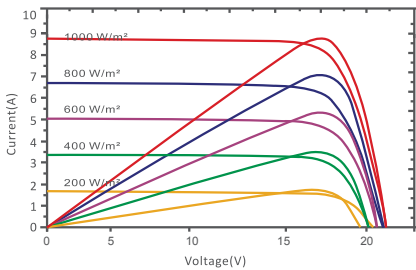


GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

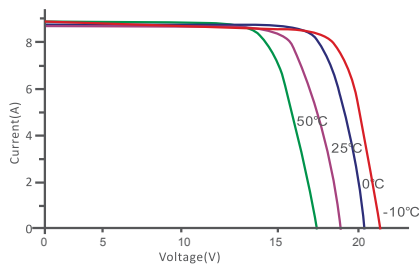
Dimension of PV Modules Unit: mm



I-V characteristics at different irradiancies



I-V characteristics at different temperature



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	160W
Open Circuit Voltage-Voc(V)	23.07V
Short Circuit Current-Isc(A)	9.03A
Maximum Power Voltage-Vmp(V)	18.72V
Maximum Power Current-Imp(A)	8.55A
Module Efficiency (%)	16.15%

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)	118.7W
Open Circuit Voltage-Voc (V)	21.59V
Short Circuit Current-Isc (A)	7.10A
Maximum Power Voltage-Vmp(V)	17.90V
Maximum Power Current-Imp(A)	6.63A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 156x156mm, 5 Bus bars
Cell configuration	36 cells(4x9)
Module dimensions	1487x666x35mm
Weight	11.5KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 3 Diodes
Cable	4mm ² (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	2pcs/carton

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
Number of modules/container	1680pcs	660pcs
Package	2pcs/carton	2pcs/carton
Package Weight	23kg/carton	23kg/carton
Package Number	840 cartons	330 cartons
Package Dimension	1500*700*80mm/carton	1500*700*80mm/carton



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36 Cells

Poly-crystalline

160W

Power output

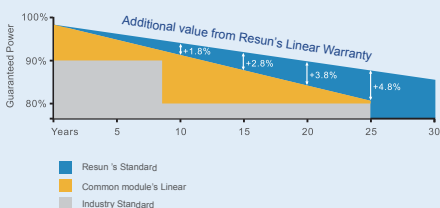
16.15%

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

RS6E-160P

RS6E-160P is a robust solar module with 36 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 16.15%), 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

