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RS6E-150/160P

RS6E-150-160P 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.

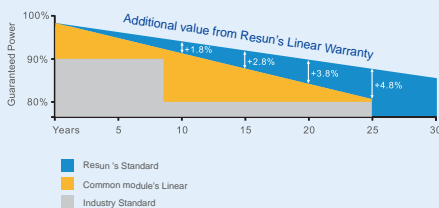
36 Cells
Poly-crystalline

150-160W
Power output

16.20%
The Highest Efficiency

0~ +5W
Tolerance

0.5% Annual Degradation
over 30 years



High module conversion efficiency (up to 16.20%), 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



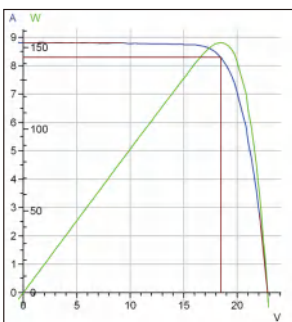
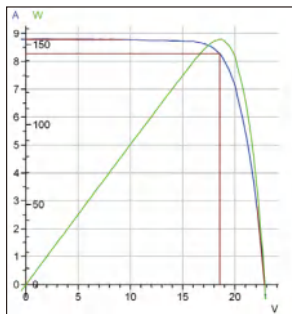
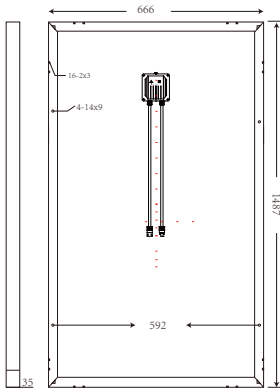
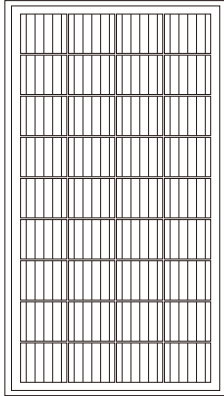
LINEAR PERFORMANCE WARRANTY
12 year Product Warranty / 30 year Linear Power Warranty

RS6E-150/160P



GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	150W	160W
Open Circuit Voltage-Voc(V)	22.30V	23.17V
Short Circuit Current-Isc(A)	8.80A	9.00A
Maximum Power Voltage-Vmp(V)	18.32V	18.86V
Maximum Power Current-Imp(A)	8.19A	8.49A
Module Efficiency (%)	15.20%	16.20%

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)	111.93W	119.45W
Open Circuit Voltage-Voc (V)	20.90V	21.71V
Short Circuit Current-Isc (A)	7.11A	7.27A
Maximum Power Voltage-Vmp(V)	17.06V	17.56V
Maximum Power Current-Imp(A)	6.56A	6.80A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 156 .75x156.75mm, 5 Bus bars
Cell configuration	36 cells(4x9)
Module dimensions	1487x666x35mm
Weight	11GS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 6 Diodes
Cable	4mm ² (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	2pcs/carton box

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

PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container		
Package		
Package Weight		
Package Number		

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