

72-144 tablets

Polycrystalline

330-365W

Power output

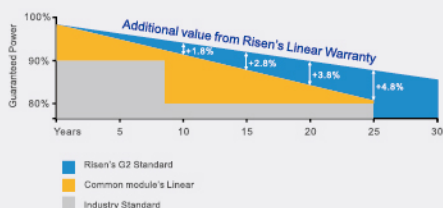
18.5%

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

RS6S-P(330-365)Half-C

Half-cell high-efficiency solar panel is cutting cells One divides into two, it could reduce thermal resistance, improve output power 5-10W; it could meet 1500V whole system voltage design demand and reduce whole system cost 10%. In comparison to full solar cell modules, this one cell's subfissure, power attenuation and sunshine occlusion is more lower; and excellent high temperature character. It is the best choice for large ground power station, Ecological agriculture fishery project and Distributed beach project.



**HIGHER ENERGY GENERATION
AND LOWER POWER LOSS**



ANTI HOT SPOT&PID FREE



LESS SHADING EFFECT



**APPLICABLE FOR 1500V SYSTEM, LOWER
SYSTEM COST**

**Entire module certified to withstand high
wind loads(2400Pascal) and snow loads
(5400 Pascal)***

Full range of products and certification systems

ISO 9001 TUV IEC61215/61730/61701 CE



www.resunsolar.com

RS6S-P(330-365)Half-C



GLOBAL PROFESSIONAL PV PRODUCTS INTEGRATED SOLUTIONS SUPPLIER

Electrical Specification (STC)

Maximum Power	P _{max} (W)	330	335	340	345	350	355	360	365
Maximum Power Voltage	V _{mp} (V)	37.97	38.32	38.61	38.84	39.11	39.40	39.70	40.00
Maximum Power Current	I _{mp} (A)	8.69	8.74	8.81	8.88	8.95	9.01	9.07	9.13
Short Circuit Current	I _{sc} (A)	9.23	9.31	9.40	9.49	9.58	9.67	9.76	9.85
Open Circuit Voltage	V _{oc} (V)	46.18	46.41	46.65	46.88	47.10	47.30	47.50	47.70
Module Efficiency	(%)	16.8	17.0	17.3	17.5	17.8	18.0	18.3	18.5
Power Output Tolerance	(W)	0~+5							

* Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Electrical Specification (NOCT)

Maximum Power	P _{max} (W)	243.95	247.81	251.69	254.89	258.83	262.79	266.04	270.05
Maximum Power Voltage	V _{mp} (V)	34.90	35.10	35.30	35.50	35.70	35.90	36.00	36.20
Maximum Power Current	I _{mp} (A)	6.99	7.06	7.13	7.18	7.25	7.32	7.39	7.46
Short Circuit Current	I _{sc} (A)	7.46	7.53	7.60	7.67	7.74	7.82	7.89	7.96
Open Circuit Voltage	V _{oc} (V)	42.70	42.90	43.10	43.30	43.50	43.70	43.90	44.10

Mechanical Data

Solar Cell Type	Poly 78.38×156.75 mm
Number of Cells	144 Cells (6×24)
Dimensions of Module L*W*H (mm)	1986×992×40 mm (78.19×39.1×1.38 inches)
Weight (kg)	22.0 kg
Glass	High transparency solar glass 3.2mm (0.13 inches)
Backsheet	White
Frame	Silver, anodized aluminium alloy
J-Box	IP67 Rated
Cable	4.0mm ² (0.006 inches ²), 300mm (11.8 inches)
Number of diodes	3
Wind/ Snow Load	2400Pa/5400Pa*
Connector	MC4 Compatible

* For more details please check the installation manual of GCLSI

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of P _{max}	-0.41%/°C
Temperature Coefficient of V _{oc}	-0.32%/°C
Temperature Coefficient of I _{sc}	+0.055%/°C

Maximum Ratings

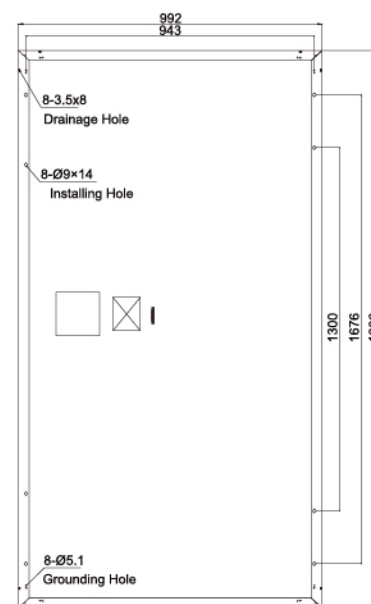
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC
	1500V DQ(H)
Max Series Fuse Rating	15A

Packaging Configuration

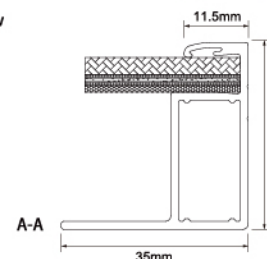
Module per box	30 pieces
Module per 40' container	660 pieces

Partner information

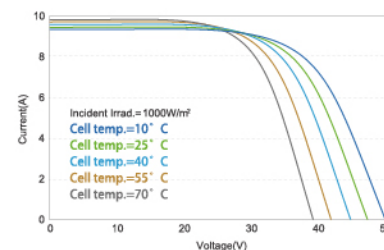
Module Dimension



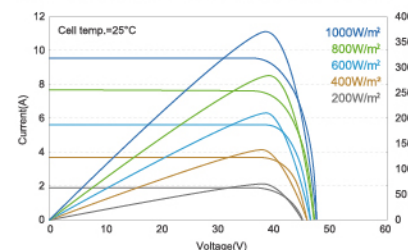
Back View



U-I Curve at Different Temperature (355W)



U-I/P-U Curve at Different Irradiation (355W)



CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

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