RSM030P

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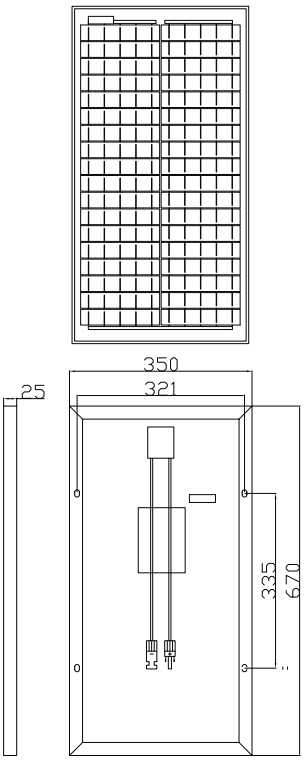
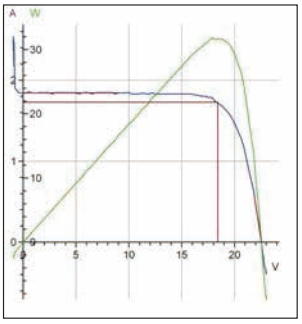
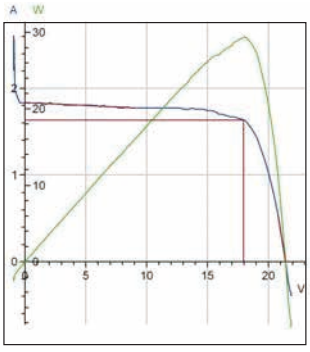
GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm







ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	**30W**
Open Circuit Voltage-Voc(V)	22.68V
Short Circuit Current-Isc(A)	1.76A
Maximum Power Voltage-Vmp(V)	18.54V
Maximum Power Current-Imp(A)	1.62A
Module Efficiency (%)	12.79%

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)	22.40W
Open Circuit Voltage-Voc (V)	21.27V
Short Circuit Current-Isc (A)	1.42A
Maximum Power Voltage-Vmp(V)	17.24V
Maximum Power Current-Imp(A)	1.30A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 156x31.2mm 4 or 5 Bus bars
Cell configuration	36 cells(2x18)
Module dimensions	670x350x25 mm
Weight	2.6KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 1 Diodes
Cable	2.5mm2(IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	10pcs/suite 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
Limiting Reverse Current	15A

A: Room 606,No.13,Yongshang Garden,Jingfeng Road,
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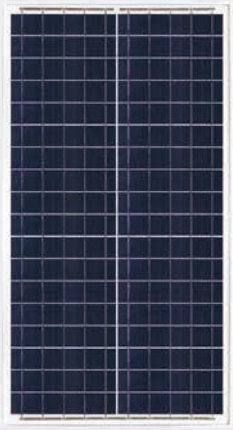


RSM030P

RSM030P 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'smodules meet the highest quality standards possible.

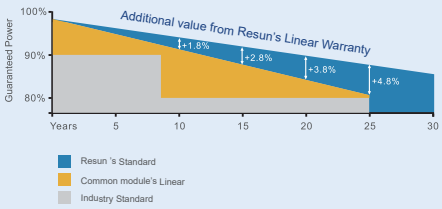
36 Cells
Poly-crystalline

30W
Power output

12.79%
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 12.79%), 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)

2400Pa
5400PA

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

RSM060P

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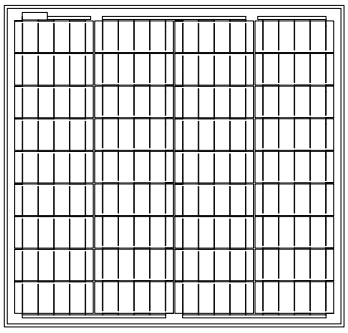
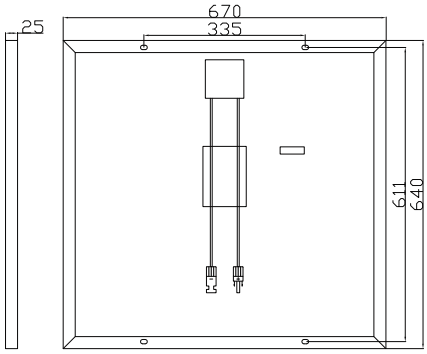
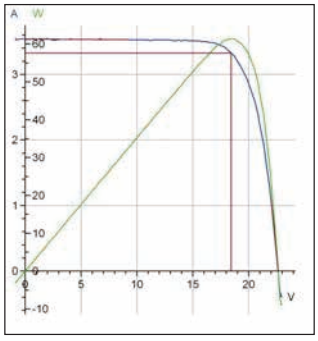
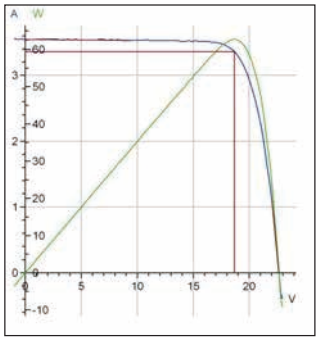
GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm









ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	**60W**
Open Circuit Voltage-Voc(V)	22.68V
Short Circuit Current-Isc(A)	3.75A
Maximum Power Voltage-Vmp(V)	18.54V
Maximum Power Current-Imp(A)	3.36A
Module Efficiency (%)	13.99%

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)	44.80W
Open Circuit Voltage-Voc (V)	21.27V
Short Circuit Current-Isc (A)	3.03A
Maximum Power Voltage-Vmp(V)	17.24V
Maximum Power Current-Imp(A)	2.60A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 156x63mm 4 or 5 Bus bars
Cell configuration	36 cells(4x9)
Module dimensions	640x670x25 mm
Weight	4.8KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 1 Diodes
Cable	2.5mm2(IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	10pcs/suite 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
Limiting Reverse Current	15A

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RSM060P

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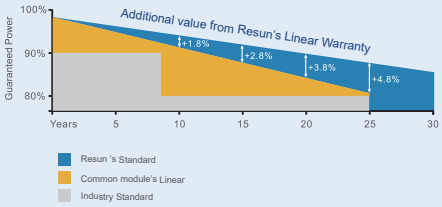
36 Cells
Poly-crystalline

60W
Power output

13.99%
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 13.99%), 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)

2400Pa
5400PA

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

RSM080P

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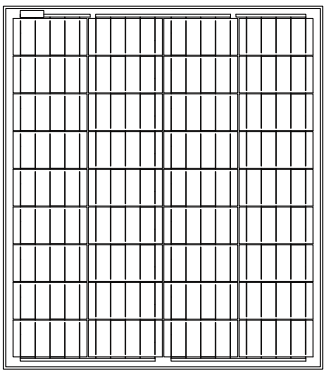
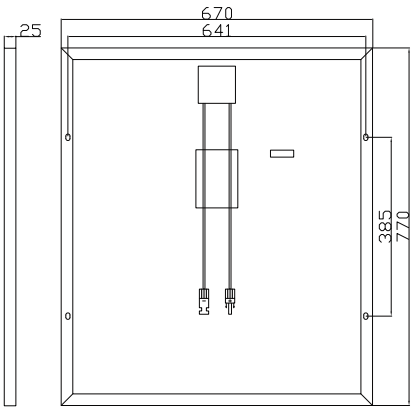
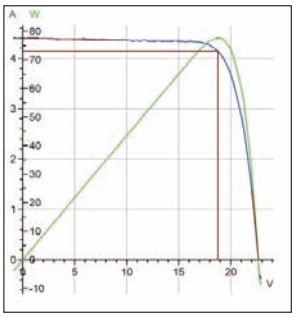
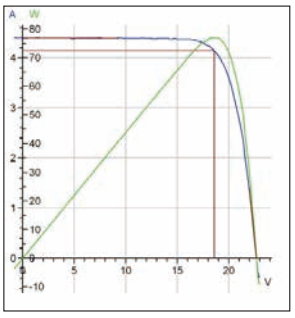
Dimension of PV Modules Unit: mm









ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	**80W**
Open Circuit Voltage-Voc(V)	23.70V
Short Circuit Current-Isc(A)	4.42A
Maximum Power Voltage-Vmp(V)	19.60V
Maximum Power Current-Imp(A)	4.08A
Module Efficiency (%)	15.51%

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)	59.70W
Open Circuit Voltage-Voc (V)	22.23V
Short Circuit Current-Isc (A)	3.57A
Maximum Power Voltage-Vmp(V)	18.23V
Maximum Power Current-Imp(A)	3.27A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 156x78mm 4 or 5 Bus bars
Cell configuration	36 cells(4x9)
Module dimensions	770x670x25 mm
Weight	5.6KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 1 Diodes
Cable	2.5mm2(IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	10pcs/suite 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
Limiting Reverse Current	15A

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RSM080P

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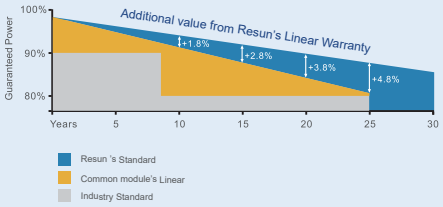
36 Cells
Poly-crystalline

80W
Power output

15.51%
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 15.51%), 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

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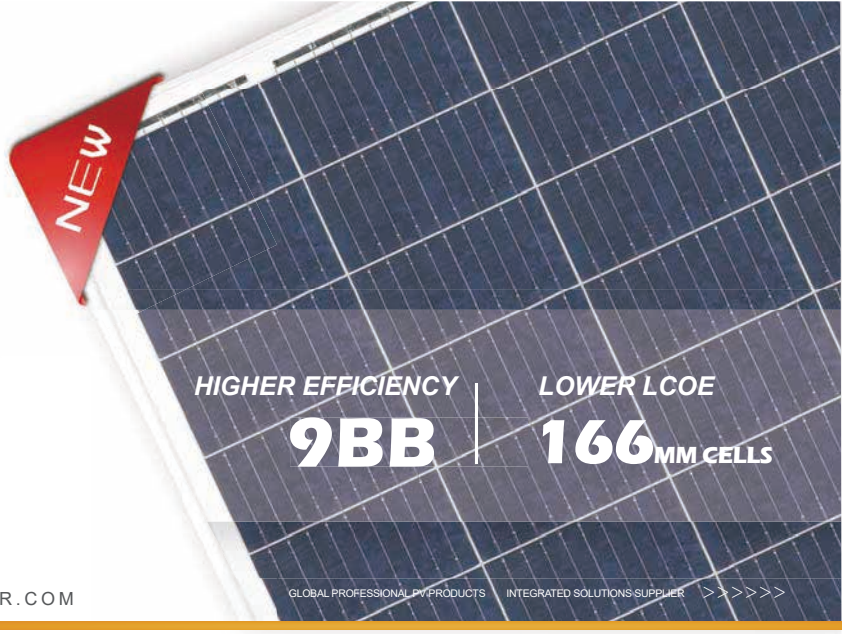

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RSM100P(9BB)

RSM100P(9BB) series is produced with high efficiency multi-busbar cells, which can reduce the module internal power loss to improve its conversion efficiency, as well as lower the failure risk caused by cracks and broken busbar to enhance the module reliability.

High Reliability

Multi-busbar technology can effectively reduce the reliability risk caused by cells cracks and broken busbar.

Anti-PID Resistance

Prominent anti-PID performance reduces the power degradation, leading to higher energy yield and lower LCOE.

Durability Against Extreme Conditions

Certified to resist high salt mist and ammonia conditions.

High Efficiency

Multi-busbar technology can reduce the module internal power loss to improve the module conversion efficiency significantly.

Low-Light Performance

With high transmittance and anti-reflective 3.2mm tempered glass,the module has stronger performance under low light circumstances.

High Mechanical Strength

Certified to withstand: high wind load(2400Pa) and snow load(5400Pa).

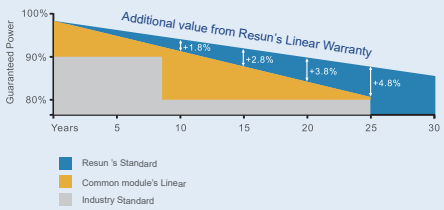
36 Cells
Poly-crystalline 9BB

100W
Power output

17.53%
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

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

RSM100P(9BB)

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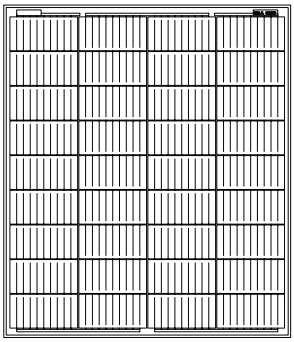
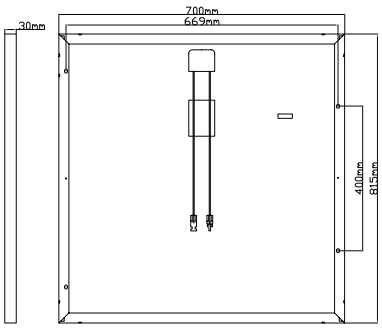
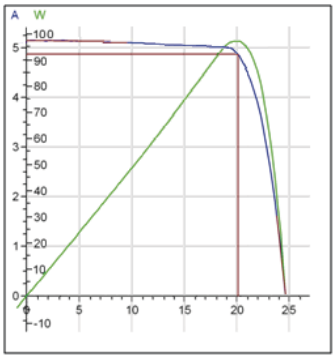
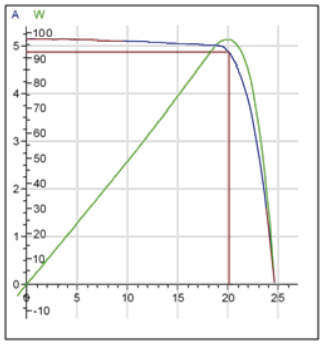
Dimension of PV Modules Unit: mm









ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	**100W**
Open Circuit Voltage-Voc(V)	24.75V
Short Circuit Current-Isc(A)	5.11A
Maximum Power Voltage-Vmp(V)	20.05V
Maximum Power Current-Imp(A)	4.99A
Module Efficiency (%)	17.53%

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)	**74.6W**
Open Circuit Voltage-Voc (V)	23.22V
Short Circuit Current-Isc (A)	4.13A
Maximum Power Voltage-Vmp(V)	18.65V
Maximum Power Current-Imp(A)	4.00A

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

MECHANICAL DATA

Solar cells	Poly-crystalline 166X83mm, 9 Bus bars
Cell configuration	36cells(4x9)
Module dimensions	815x700x30 mm
Weight	6.2KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 2 or 3 diodes
Cable	4mm2(IEC)/12AWG(UL),800mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	5pcs/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 per container	3450pcs	1535pcs
Package	5pcs/carton	5pcs/carton
Package Number	690cartons	307cartons

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Mudu Town,Wuzhong District,Suzhou,Jiangsu Province,China
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RS6E-150/160P

RS6E-150-160P is a robust solar module with 36solar 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'smodules meet the highest quality standards possible.

High module conversion efficiency (up to 16.16%), 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)

2400Pa
5400PA

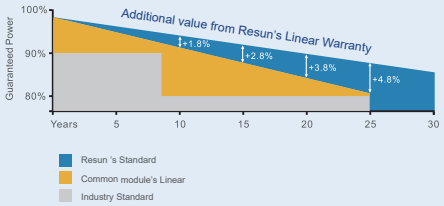
36 Cells
Mono-crystalline

150-160W
Power output

16.16%
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

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

RS6E-150/160P

RESUN
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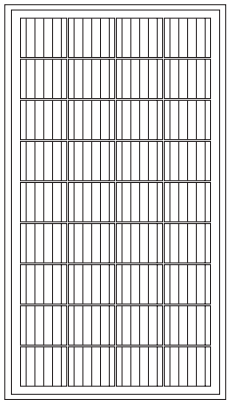
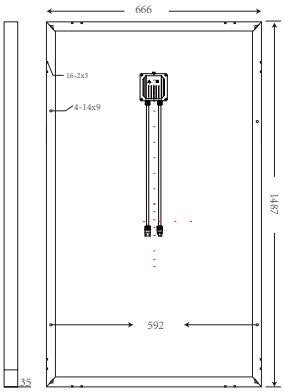
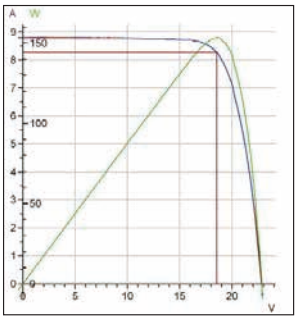
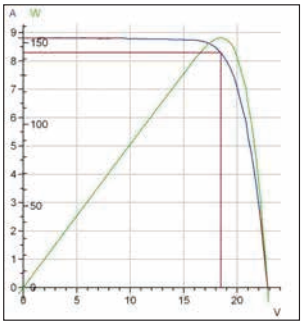
GLOBAL PROFESSIONAL PV PRODUCTS INTERGRATED SOLUTIONS SUPPLIER

Dimension of PV Modules Unit: mm









ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	150W	160W
Open Circuit Voltage-Voc(V)	23.6V	23.6V
Short Circuit Current-Isc(A)	9.00A	9.00A
Maximum Power Voltage-Vmp(V)	18.10V	18.32V
Maximum Power Current-Imp(A)	8.47A	8.85A
Module Efficiency (%)	15.15%	16.16%

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)	111.9W	119.4W
Open Circuit Voltage-Voc (V)	22.14V	22.14V
Short Circuit Current-Isc (A)	7.27A	7.27A
Maximum Power Voltage-Vmp(V)	16.83V	17.04V
Maximum Power Current-Imp(A)	6.65A	7.01A

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	10.2KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP65 or IP67, 6 Diodes
Cable	4mm2(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
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	1680pcs	660pcs
Package	2pcs/carton box	2pcs/carton box
Package Weight	23kg/carton box	23kg/carton box
Package Number	840carton boxes	330carton boxes
Package Dimension	1500*700*80mm/carton box	1500*700*80mm/carton box

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RS6C-P

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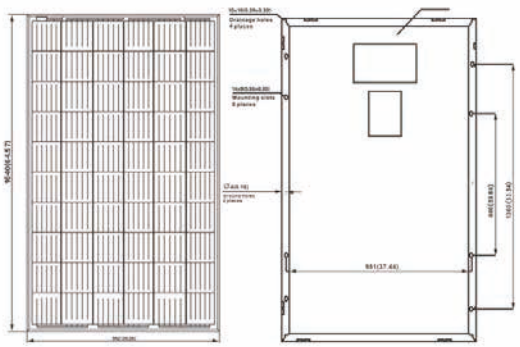
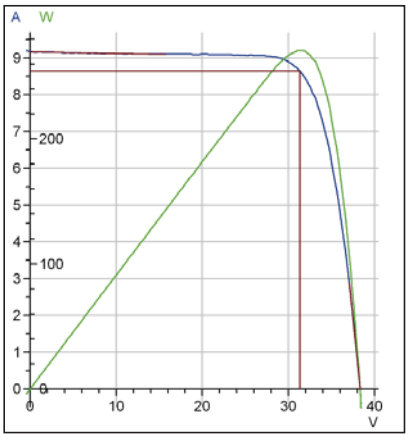
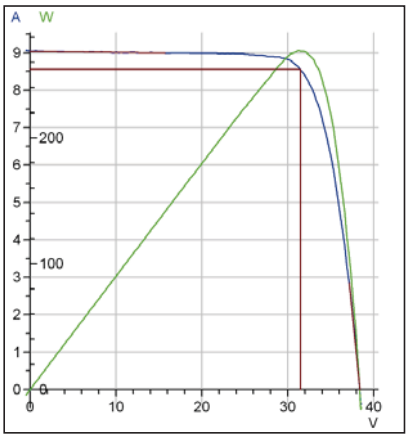
Dimension of PV Modules Unit: mm







ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	**280W**
Open Circuit Voltage-Voc(V)	39.03V
Short Circuit Current-Isc(A)	9.24A
Maximum Power Voltage-Vmp(V)	31.70V
Maximum Power Current-Imp(A)	8.85A
Module Efficiency (%)	17.21%

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)	208.9W
Open Circuit Voltage-Voc (V)	36.61V
Short Circuit Current-Isc (A)	7.47A
Maximum Power Voltage-Vmp(V)	29.48V
Maximum Power Current-Imp(A)	7.09A

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 x40mm(64.6 x 39.1 x 1.57in)
Weight	19KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67
Cable	4mm2(IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	26pcs/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
Number of modules per container	812pcs	312pcs
Package	26pcs/pallet,2pcs/carton box	26pcs/pallet
Package Number	28pallets + 42carton boxes	12pallets
Package Weight	490kg/pallet,37.8kg/carton box	490kg/pallet
Package Dimension	1680*1100*1120mm/pallet 1680*1020*90mm/carton box	1680*1100*1120mm/pallet

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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'smodules meet the highest quality standards possible.

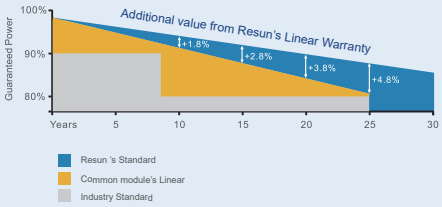
60 Cells
Poly-crystalline

280W
Power output

17.21%
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 17.21%), 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)

2400Pa
5400PA

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

RS6S-P

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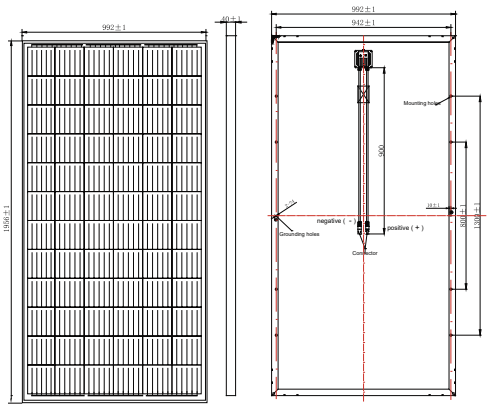
Dimension of PV Modules Unit: mm



ELECTRICAL DATA(STC)

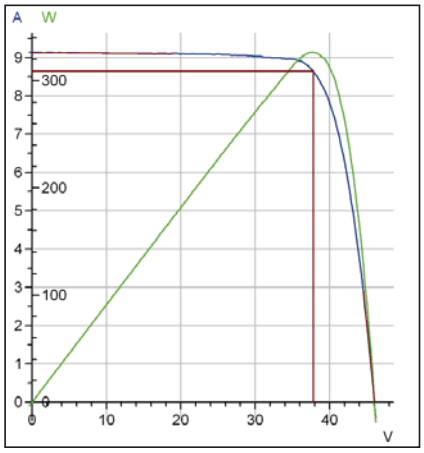
Rated Power in Watts-Pmax(Wp)	**340W**
Open Circuit Voltage-Voc(V)	46.8V
Short Circuit Current-Isc(A)	9.38A
Maximum Power Voltage-Vmp(V)	38.3V
Maximum Power Current-Imp(A)	8.88A
Module Efficiency (%)	17.53%

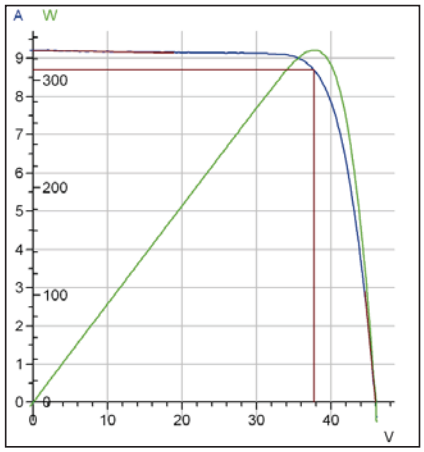
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	259W
Open Circuit Voltage-Voc (V)	45.37V
Short Circuit Current-Isc (A)	7.31A
Maximum Power Voltage-Vmp(V)	37.19V
Maximum Power Current-Imp(A)	6.96A

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





MECHANICAL DATA

Solar cells	Polycrystalline 156.75 x 156.75mm, 5 Bus bars
Cell configuration	72 cells(6x12)
Module dimensions	1956 x 992 x40mm
Weight	22KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67
Cable	4mm2(IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	26pcs/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
Number of modules per container	696pcs	260pcs
Package	26pcs/pallet,2pcs/carton box	26pcs/pallet
Package Number	24pallets + 36carton boxes	10pallets
Package Weight	600kg/pallet,46.2kg/carton box	600kg/pallet
Package Dimension	1980*1120*1130mm/pallet 1980*1020*90mm/carton box	1980*1120*1130mm/pallet

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RS6S-P have five instead of three bus bars, which allows more efficient current collection and can also improve long term performance.
The RS6S-P cells use a novel junction formation technology which is standard in semiconductor manufacturing. This allows for improved minority carrier lifetimes and a very tight distribution of cell performance in manufacturing. RS6S-P cells are PID free and further increase the cell efficiency allowing to increase the anerage module power distribution.

72 Cells
Poly-crystalline

340W
Power output

17.53%
The Highest Efficiency

0~+5W
Tolerance

High module conversion efficiency (up to 17.53%), through superior manufacturing technology

Guaranteed 0-+5W positive power output tolerance ensures high reliability

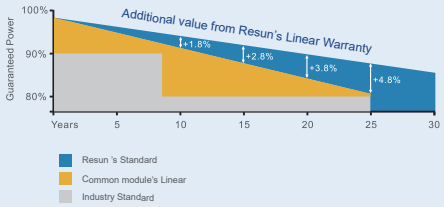
Anti-reflective,hydrophobic coating improves light absorption and reduces surface dust

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)

2400Pa
5400PA

0.5% Annual Degradation over 30 years



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12 year Product Warranty / 30 year Linear Power Warranty

Full range of products and certification systems

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IEC PV CYCLE INMETRO