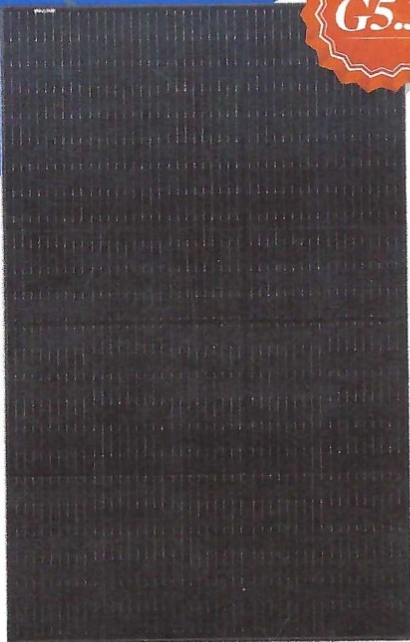


# TITAN S

HIGH PERFORMANCE  
MONOCRYSTALLINE PERC MODULE

120

G5.3



## RSM40-8-385MB-405MB

<b>120 CELL</b> Mono PERC Module	<b>385-405Wp</b> Power Output Range
<b>1500VDC</b> Maximum System Voltage	<b>21.1%</b> Maximum Efficiency

### KEY SALIENT FEATURES

- Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing
- Industry leading lowest thermal co-efficient of power
- Industry leading 15 years product warranty
- Excellent low irradiance performance
- Excellent PID resistance
- Positive power tolerance of 0~+3%
- Dual stage 100% EL Inspection warranting defect-free product
- Module Imp binning radically reduces string mismatch losses
- Excellent wind load 2400Pa & snow load 5400Pa under certain installation method
- Comprehensive product and system certification
  - ◆ IEC61215:2016; IEC61730-1/-2:2016;
  - ◆ ISO 9001:2015 Quality Management System
  - ◆ ISO 14001:2015 Environmental Management System
  - ◆ ISO 45001:2018 Occupational Health and Safety Management System



\* As there are different certification requirements in different markets, please contact your local Risen Energy sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

### RISEN ENERGY CO., LTD.

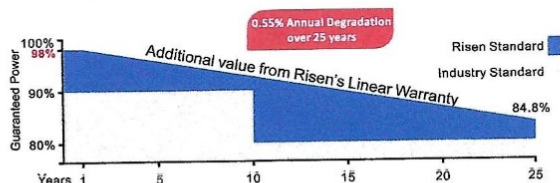
Risen Energy is a leading, global tier 1 manufacturer of high-performance solar photovoltaic products and provider of total business solutions for residential, commercial and utility-scale power generation. The company, founded in 1986, and publicly listed in 2010, compels value generation for its chosen global customers. Techno-commercial innovation, underpinned by consummate quality and support, encircle Risen Energy's total Solar PV business solutions which are among the most powerful and cost-effective in the industry. With local market presence and strong financial bankability status, we are committed, and able, to building strategic, mutually beneficial collaborations with our partners, as together we capitalise on the rising value of green energy.

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Tel: +86-574-59953239 Fax: +86-574-59953589  
E-mail: marketing@risenenergy.com Website: www.risenenergy.com



### LINEAR PERFORMANCE WARRANTY

15 year Product Warranty / 25 year Linear Power Warranty

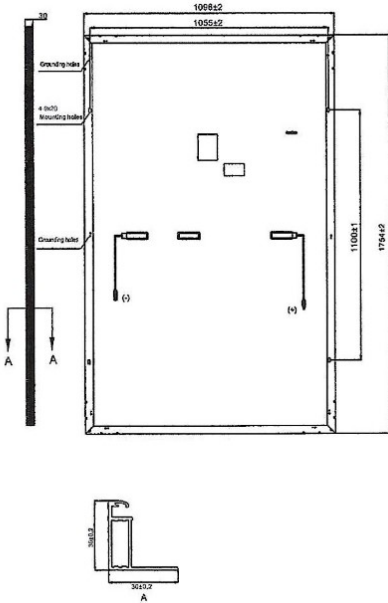


\* Please check the valid version of Limited Product Warranty which is officially released by Risen Energy Co., Ltd

THE POWER OF RISING VALUE



### Dimensions of PV Module Unit: mm



### ELECTRICAL DATA (STC)

Model Number	RSM40-8-385MB	RSM40-8-390MB	RSM40-8-395MB	RSM40-8-400MB	RSM40-8-405MB
Rated Power in Watts-Pmax(Wp)	385	390	395	400	405
Open Circuit Voltage-Voc(V)	40.38	40.69	41.00	41.30	41.60
Short Circuit Current-Isc(A)	12.15	12.21	12.27	12.34	12.40
Maximum Power Voltage-Vmpp(V)	33.62	33.88	34.14	34.39	34.64
Maximum Power Current-Imp(A)	11.46	11.52	11.58	11.64	11.70
Module Efficiency (%) *	20.0	20.3	20.5	20.8	21.1

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
 \* Module Efficiency (%): Round-off to the nearest number

### ELECTRICAL DATA (NMOT)

Model Number	RSM40-8-385MB	RSM40-8-390MB	RSM40-8-395MB	RSM40-8-400MB	RSM40-8-405MB
Maximum Power-Pmax (Wp)	291.8	295.6	299.4	303.1	306.9
Open Circuit Voltage-Voc (V)	37.55	37.84	38.13	38.41	38.69
Short Circuit Current-Isc (A)	9.96	10.01	10.07	10.12	10.17
Maximum Power Voltage-Vmpp (V)	31.20	31.44	31.68	31.91	32.15
Maximum Power Current-Imp (A)	9.35	9.40	9.45	9.50	9.55

NMOT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

### MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	120 cells (5×12+5×12)
Module dimensions	1754×1096×30mm
Weight	21kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	Back-sheet (Front side: Black, Back side: White)
Frame	Anodized Aluminium Alloy type 6005-2T6, Black
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm <sup>2</sup> (12AWG), Positive(+)350mm, Negative(-)230mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68

### TEMPERATURE & MAXIMUM RATINGS

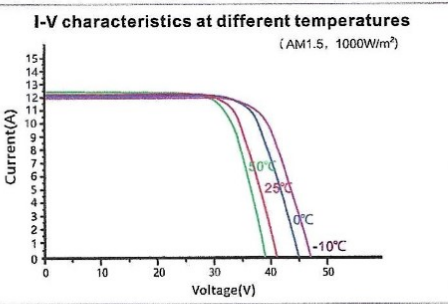
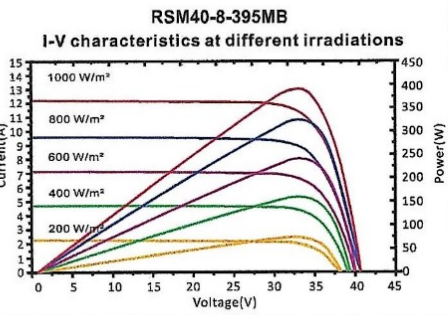
Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

### PACKAGING CONFIGURATION

	40ft(HQ)	20ft
Number of modules per container	936	216
Number of modules per pallet	36	36
Number of pallets per container	26	6
Packaging box dimensions (LxWxH) in mm	1770×1120×1236	1770×1120×1236
Box gross weight[kg]	800	800

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.  
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 No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings is granted unless as otherwise specifically committed by manufacturer in contract document.

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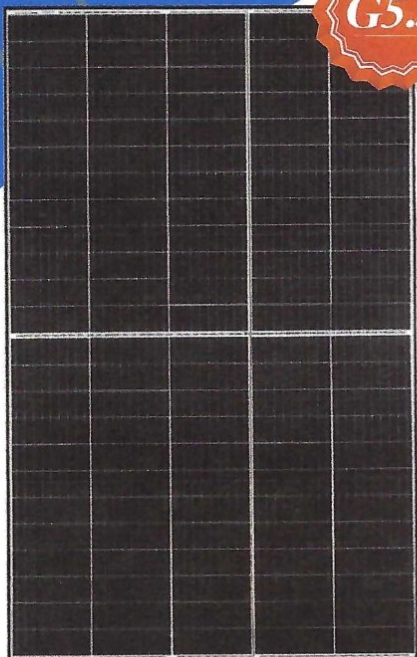
**Our Partners:**



# TITAN S

HIGH PERFORMANCE  
MONOCRYSTALLINE PERC MODULE

120



### RISEN ENERGY CO., LTD.

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## RSM40-8-390M-410M

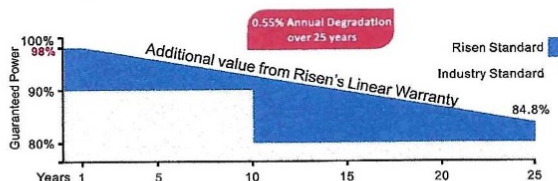
<b>120 CELL</b> Mono PERC Module	<b>390-410Wp</b> Power Output Range
<b>1500VDC</b> Maximum System Voltage	<b>21.3%</b> Maximum Efficiency

### KEY SALIENT FEATURES

- Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing
- Industry leading lowest thermal co-efficient of power
- Industry leading 12 years product warranty
- Excellent low irradiance performance
- Excellent PID resistance
- Positive tight power tolerance
- Dual stage 100% EL Inspection warranting defect-free product
- Module Imp binning radically reduces string mismatch losses
- Warranted reliability and stringent quality assurances well beyond certified requirements
- Certified to withstand severe environmental conditions
  - ◆ Anti-reflective & anti-soiling surface minimise power loss from dirt and dust
  - ◆ Severe salt mist, ammonia & blown sand resistance, for seaside, farm and desert environments
  - ◆ Excellent mechanical resistance: wind load 2400Pa & snow load 5400Pa

### LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 25 year Linear Power Warranty

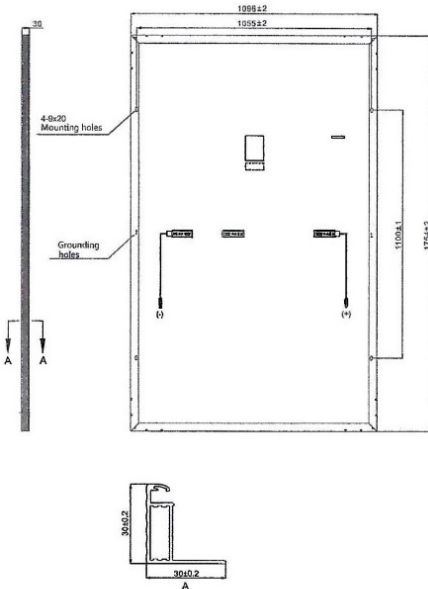


\* Please check the valid version of Limited Product Warranty which is officially released by Risen Energy Co., Ltd

THE POWER OF RISING VALUE



### Dimensions of PV Module Unit: mm



### ELECTRICAL DATA (STC)

Model Number	RSM40-8-390M	RSM40-8-395M	RSM40-8-400M	RSM40-8-405M	RSM40-8-410M
Rated Power in Watts-Pmax(Wp)	<b>390</b>	<b>395</b>	<b>400</b>	<b>405</b>	<b>410</b>
Open Circuit Voltage-Voc(V)	40.69	41.00	41.30	41.60	41.90
Short Circuit Current-Isc(A)	12.21	12.27	12.34	12.40	12.47
Maximum Power Voltage-Vmpp(V)	33.88	34.14	34.39	34.64	34.89
Maximum Power Current-Imp(A)	11.52	11.58	11.64	11.70	11.76
Module Efficiency (%) *	20.3	20.5	20.8	21.1	21.3

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
 \* Module Efficiency (%): Round-off to the nearest number

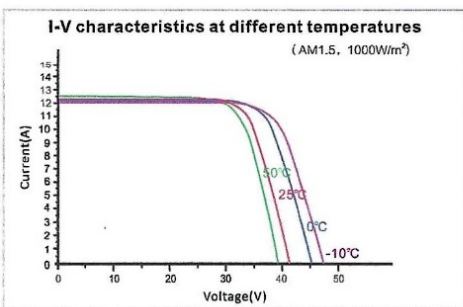
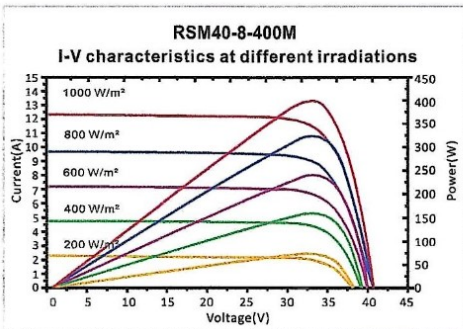
### ELECTRICAL DATA (NMOT)

Model Number	RSM40-8-390M	RSM40-8-395M	RSM40-8-400M	RSM40-8-405M	RSM40-8-410M
Maximum Power-Pmax (Wp)	295.6	299.4	303.1	306.9	310.7
Open Circuit Voltage-Voc (V)	37.84	38.13	38.41	38.69	38.97
Short Circuit Current-Isc (A)	10.01	10.07	10.12	10.17	10.22
Maximum Power Voltage-Vmpp (V)	31.44	31.68	31.91	32.15	32.38
Maximum Power Current-Imp (A)	9.40	9.45	9.50	9.55	9.60

NMOT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

### MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	120 cells (5×12+5×12)
Module dimensions	1754×1096×30mm
Weight	21kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy type 6005-2T6, Black
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm <sup>2</sup> (12AWG), Positive(+)350mm, Negative(-)350mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68



### TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

### PACKAGING CONFIGURATION

	40ft(HQ)	20ft
Number of modules per container	936	180
Number of modules per pallet	36	36
Number of pallets per container	26	5
Box gross weight[kg]	805	805

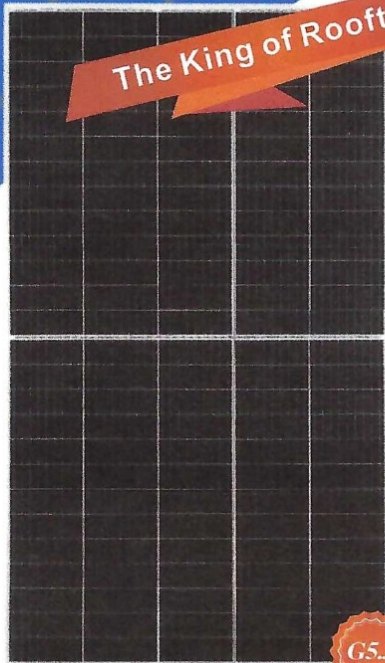
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**HIGH PERFORMANCE  
MONOCRYSTALLINE PERC MODULE**



**The King of Rooftop**

**G5.3**



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**RSM130-8-430M-450M**

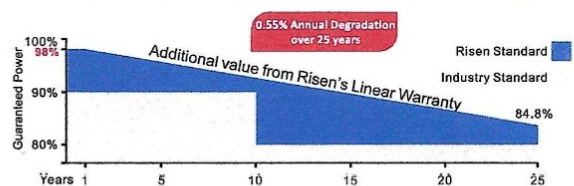
<b>130 CELL</b> Mono PERC Module	<b>430-450Wp</b> Power Output Range
<b>1500VDC</b> Maximum System Voltage	<b>21.7%</b> Maximum Efficiency

**KEY SALIENT FEATURES**

- Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing
- Industry leading lowest thermal co-efficient of power
- Industry leading 12 years product warranty
- Excellent low irradiance performance
- Excellent PID resistance
- Positive power tolerance of 0~+3%
- Dual stage 100% EL Inspection warranting defect-free product
- Module Imp binning radically reduces string mismatch losses
- Excellent wind load 2400Pa & snow load 5400Pa under certain installation method
- Comprehensive product and system certification
  - ◆ IEC61215:2016; IEC61730-1/-2:2016;
  - ◆ ISO 9001:2015 Quality Management System
  - ◆ ISO 14001:2015 Environmental Management System
  - ◆ ISO 45001:2018 Occupational Health and Safety Management System

**LINEAR PERFORMANCE WARRANTY**

12 year Product Warranty / 25 year Linear Power Warranty

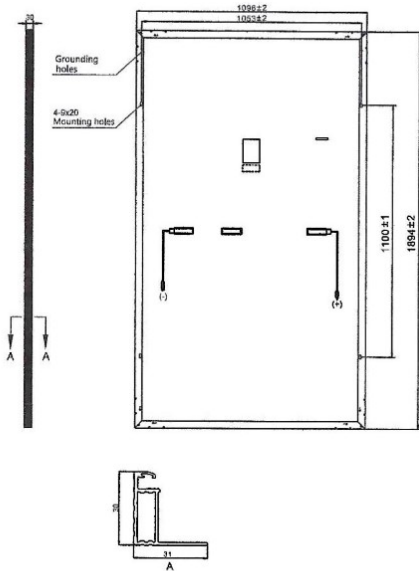


\* Please check the valid version of Limited Product Warranty which is officially released by Risen Energy Co., Ltd

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### Dimensions of PV Module Unit: mm



### ELECTRICAL DATA (STC)

Model Number	RSM130-8-430M	RSM130-8-435M	RSM130-8-440M	RSM130-8-445M	RSM130-8-450M
Rated Power in Watts-Pmax(Wp)	430	435	440	445	450
Open Circuit Voltage-Voc(V)	44.36	44.61	44.85	45.09	45.33
Short Circuit Current-Isc(A)	12.35	12.42	12.50	12.57	12.65
Maximum Power Voltage-Vmpp(V)	36.94	37.14	37.34	37.54	37.74
Maximum Power Current-Impp(A)	11.65	11.72	11.79	11.86	11.93
Module Efficiency (%) *	20.7	21.0	21.2	21.4	21.7

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
 \* Module Efficiency (%): Round-off to the nearest number

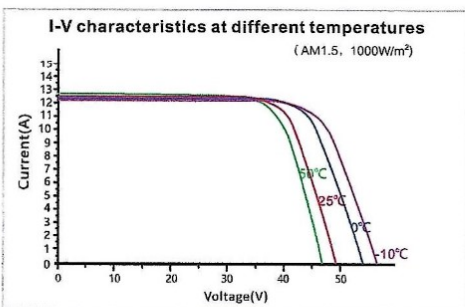
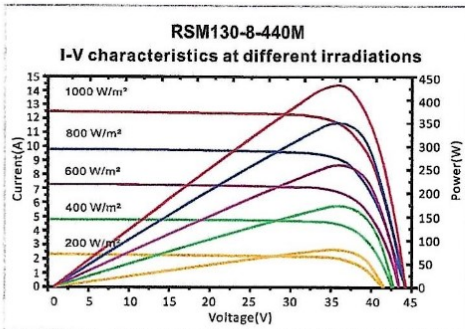
### ELECTRICAL DATA (NMOT)

Model Number	RSM130-8-430M	RSM130-8-435M	RSM130-8-440M	RSM130-8-445M	RSM130-8-450M
Maximum Power-Pmax (Wp)	325.9	329.6	333.4	337.1	340.9
Open Circuit Voltage-Voc (V)	41.26	41.48	41.71	41.93	42.15
Short Circuit Current-Isc (A)	10.13	10.19	10.25	10.31	10.37
Maximum Power Voltage-Vmpp (V)	34.28	34.47	34.65	34.84	35.02
Maximum Power Current-Impp (A)	9.51	9.56	9.62	9.68	9.73

NMOT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

### MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	130 cells (5×13+5×13)
Module dimensions	1894×1096×30mm
Weight	22.5kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy, Silver Color
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm <sup>2</sup> , Positive(+)>350mm, Negative(-)>230mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68



### Our Partners:

### TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

### PACKAGING CONFIGURATION

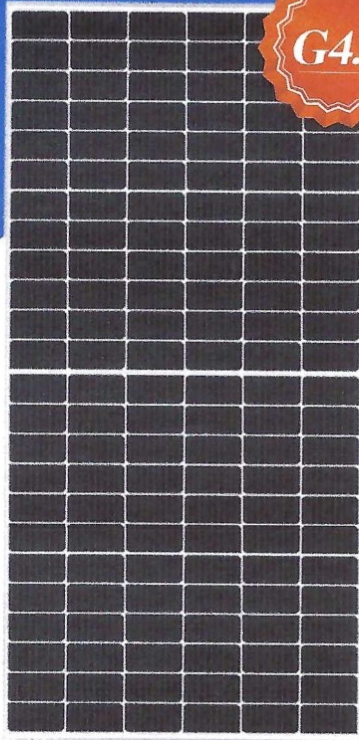
	40ft(HQ)	20ft
Number of modules per container	864	216
Number of modules per pallet	36	36
Number of pallets per container	24	6
Packaging box dimensions (LxWxH) in mm	1910×1110×1236	1910×1110×1236
Box gross weight[kg]	850	850

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THE POWER OF RISING VALUE



# HIGH PERFORMANCE MONOCRYSTALLINE PERC MODULE



## RSM144-7-435M-455M

**144 CELL**

Mono PERC Module

**435-455Wp**

Power Output Range

**1500VDC**

Maximum System Voltage

**20.6%**

Maximum Efficiency

### KEY SALIENT FEATURES



Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing



Industry leading lowest thermal co-efficient of power



Industry leading 12 years product warranty



Excellent low irradiance performance



Excellent PID resistance



Positive tight power tolerance



Dual stage 100% EL Inspection warranting defect-free product



Module Imp binning radically reduces string mismatch losses



Warranted reliability and stringent quality assurances well beyond certified requirements



Certified to withstand severe environmental conditions

- ♦ Anti-reflective & anti-soiling surface minimise power loss from dirt and dust
- ♦ Severe salt mist, ammonia & blown sand resistance, for seaside, farm and desert environments
- ♦ Excellent mechanical load 2400Pa & snow load 5400Pa resistance



### RISEN ENERGY CO., LTD.

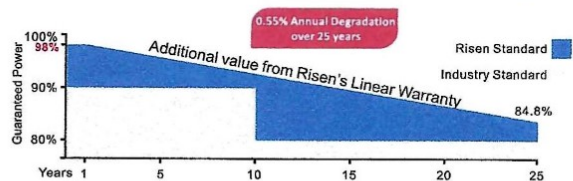
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### LINEAR PERFORMANCE WARRANTY

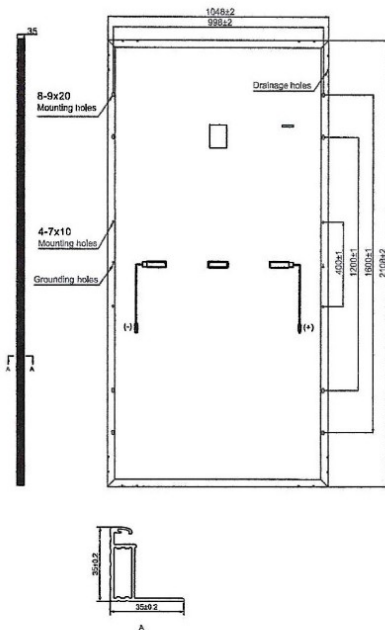
12 year Product Warranty / 25 year Linear Power Warranty



\* Please check the valid version of Limited Product Warranty which is officially released by Risen Energy Co., Ltd



### Dimensions of PV Module Unit: mm



### ELECTRICAL DATA (STC)

Model Number	RSM144-7-435M	RSM144-7-440M	RSM144-7-445M	RSM144-7-450M	RSM144-7-455M
Rated Power in Watts-Pmax(Wp)	435	440	445	450	455
Open Circuit Voltage-Voc(V)	49.40	49.50	49.60	49.70	49.80
Short Circuit Current-Isc(A)	11.20	11.30	11.40	11.50	11.60
Maximum Power Voltage-Vmpp(V)	41.05	41.13	41.25	41.30	41.40
Maximum Power Current-Impp(A)	10.60	10.70	10.80	10.90	11.00
Module Efficiency (%) *	19.7	19.9	20.1	20.4	20.6

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
 \* Module Efficiency (%): Round-off to the nearest number

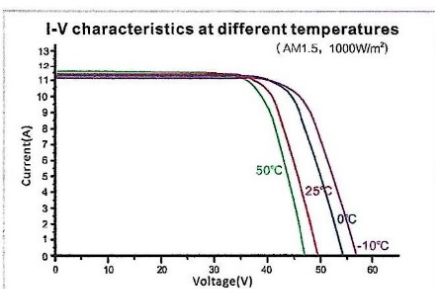
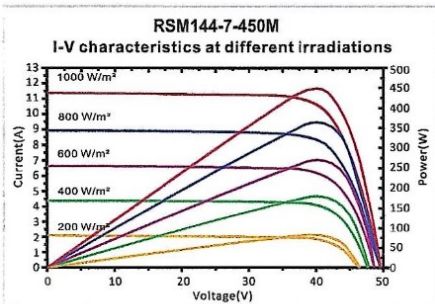
### ELECTRICAL DATA (NMOT)

Model Number	RSM144-7-435M	RSM144-7-440M	RSM144-7-445M	RSM144-7-450M	RSM144-7-455M
Maximum Power-Pmax (Wp)	325.2	329.6	333.9	338.2	342.5
Open Circuit Voltage-Voc (V)	45.45	46.18	46.39	46.43	46.61
Short Circuit Current-Isc (A)	9.18	9.27	9.35	9.43	9.51
Maximum Power Voltage-Vmpp (V)	37.60	37.80	37.90	38.00	38.10
Maximum Power Current-Impp (A)	8.65	8.72	8.81	8.90	8.99

NMOT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

### MECHANICAL DATA

Solar cells	Monocrystalline 166×83mm
Cell configuration	144 cells (6×12+6×12)
Module dimensions	2108×1048×35mm
Weight	24.5kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy type 6063-T5, Silver Color
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm <sup>2</sup> (12AWG), Positive(+)-350mm, Negative(-)-350mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68



### TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.37%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A

### PACKAGING CONFIGURATION

	40ft(HQ)	20ft
Number of modules per container	682	155
Number of modules per pallet	31	31
Number of pallets per container	22	5
Packaging box dimensions (LxWxH) in mm	2140×1135×1180	2140×1135×1180
Box gross weight[kg]	815	815

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.  
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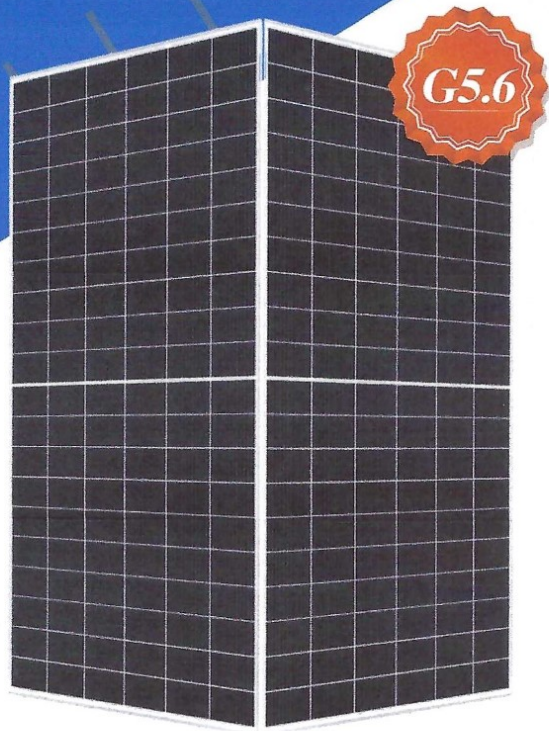
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120

# HIGH PERFORMANCE BIFACIAL PERC MONOCRYSTALLINE MODULE



## RSM120-8-585BMDG-610BMDG

<b>120 CELL</b> Mono PERC Module	<b>585-610Wp</b> Power Output Range
<b>1500VDC</b> Maximum System Voltage	<b>21.6%</b> Maximum Efficiency

### KEY SALIENT FEATURES

- Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing
- Bifacial technology enables additional energy harvesting from rear side (up to 30%)
- Industry leading lowest thermal co-efficient of power
- Industry leading 12 years product warranty
- Excellent low irradiance performance
- Excellent PID resistance
- Positive power tolerance of 0~+3%
- Dual stage 100% EL Inspection warranting defect-free product
- Module Imp binning radically reduces string mismatch losses
- Excellent wind load 2400Pa & snow load 5400Pa under certain installation method
- Comprehensive product and system certification
  - ◆ IEC61215:2016; IEC61730-1/-2:2016;
  - ◆ ISO 9001:2015 Quality Management System
  - ◆ ISO 14001:2015 Environmental Management System
  - ◆ ISO 45001:2018 Occupational Health and Safety Management System



\* As there are different certification requirements in different markets, please contact your local Risen Energy sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

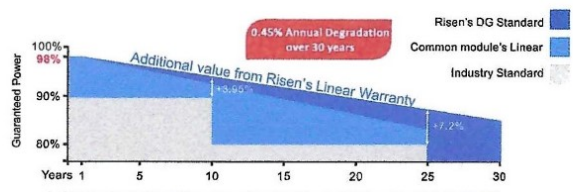
### RISEN ENERGY CO., LTD.

Risen Energy is a leading, global tier 1 manufacturer of high-performance solar photovoltaic products and provider of total business solutions for residential, commercial and utility-scale power generation. The company, founded in 1986, and publicly listed in 2010, compels value generation for its chosen global customers. Techno-commercial innovation, underpinned by consummate quality and support, encircle Risen Energy's total Solar PV business solutions which are among the most powerful and cost-effective in the industry. With local market presence and strong financial bankability status, we are committed, and able, to building strategic, mutually beneficial collaborations with our partners, as together we capitalise on the rising value of green energy.

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Tel: +86-574-59953239 Fax: +86-574-59953599  
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### LINEAR PERFORMANCE WARRANTY 12 year Product Warranty / 30 year Linear Power Warranty

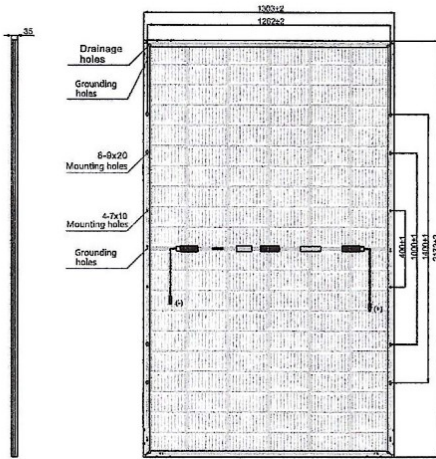


\* Please check the valid version of Limited Product Warranty which is officially released by Risen Energy Co., Ltd

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### Dimensions of PV Module Unit:mm



### ELECTRICAL DATA (STC)

Model Number	RSM120-8-585BMDG	RSM120-8-590BMDG	RSM120-8-595BMDG	RSM120-8-600BMDG	RSM120-8-605BMDG	RSM120-8-610BMDG
Rated Power in Watts-Pmax(Wp)	585	590	595	600	605	610
Open Circuit Voltage-Voc(V)	41.10	41.30	41.50	41.70	41.90	42.20
Short Circuit Current-Isc(A)	18.11	18.16	18.21	18.26	18.32	18.37
Maximum Power Voltage-Vmpp(V)	34.22	34.42	34.60	34.80	34.98	35.18
Maximum Power Current-Imp(A)	17.10	17.15	17.20	17.25	17.30	17.35
Module Efficiency (%) *	20.7	20.8	21.0	21.2	21.4	21.6

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
Bifacial factor: 70±10(%) \* Module Efficiency (%): Round-off to the nearest number

### Electrical characteristics with 10% rear side power gain

	644	649	655	660	666	671
Total Equivalent power -Pmax (Wp)	644	649	655	660	666	671
Open Circuit Voltage-Voc(V)	41.10	41.30	41.50	41.70	41.90	42.20
Short Circuit Current-Isc(A)	19.92	19.98	20.03	20.09	20.15	20.21
Maximum Power Voltage-Vmpp(V)	34.22	34.42	34.60	34.80	34.98	35.18
Maximum Power Current-Imp(A)	18.81	18.87	18.92	18.98	19.03	19.09

Rear side power gain: The additional gain from the rear side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

### ELECTRICAL DATA (NMOT)

Model Number	RSM120-8-585BMDG	RSM120-8-590BMDG	RSM120-8-595BMDG	RSM120-8-600BMDG	RSM120-8-605BMDG	RSM120-8-610BMDG
Maximum Power-Pmax (Wp)	443.1	447.0	450.7	454.6	458.3	462.2
Open Circuit Voltage-Voc (V)	38.22	38.41	38.60	38.78	38.97	39.25
Short Circuit Current-Isc (A)	14.85	14.89	14.93	14.97	15.02	15.06
Maximum Power Voltage-Vmpp (V)	31.76	31.94	32.11	32.29	32.46	32.65
Maximum Power Current-Imp (A)	13.95	13.99	14.04	14.08	14.12	14.16

NMOT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

### MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	120 cells (6×10+6×10)
Module dimensions	2172×1303×35mm
Weight	37kg
Superstrate	High Transmission, Low Iron, AR Coated Heat Strengthened Glass
Substrate	Heat Strengthened Glass
Frame	High strength alloy steel
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm <sup>2</sup> , Positive(+)350mm, Negative(-)230mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68

### TEMPERATURE & MAXIMUM RATINGS

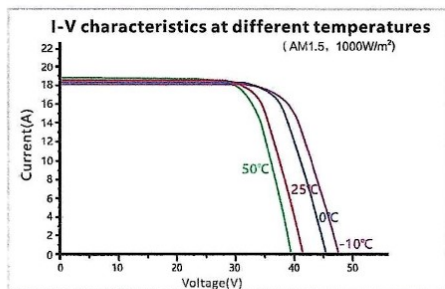
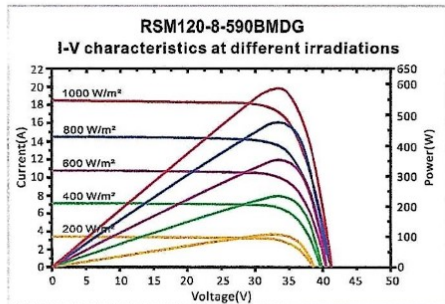
Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.34%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	35A
Limiting Reverse Current	35A

### PACKAGING CONFIGURATION

	40ft(HQ)
Number of modules per container	558
Number of modules per pallet	31
Number of pallets per container	18
Packaging box dimensions (LxWxH) in mm	1320×1120×2310
Box gross weight[kg]	1190

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.  
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No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings is granted unless as otherwise specifically committed by manufacturer in contract document.

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