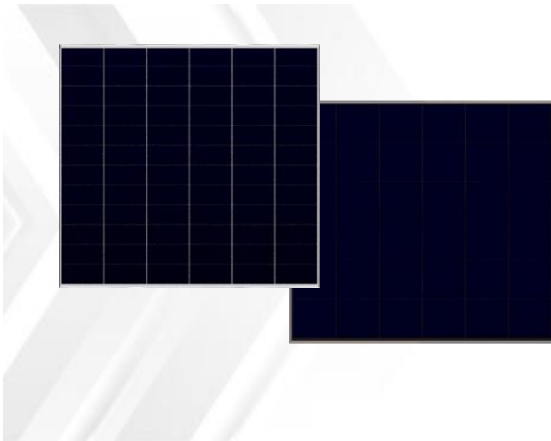


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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
- N-type solar cell has no LID naturally
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Better weak illumination response

Electrical Specifications

Model Type	SA-B080
Peak Power (Pmax)	80W
Module Efficiency	21.06%
Maximum Power Voltage (Vmp)	18.9V
Maximum Power Current (Imp)	4.24A
Open Circuit Voltage (Voc)	21.6V
Short Circuit Current (Isc)	4.48A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

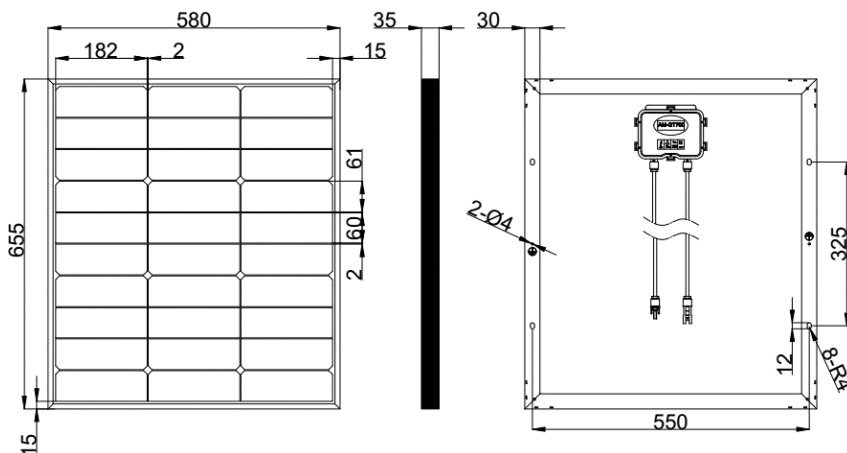
Cell type	IBC
Number of cells	total 30 cells in series
Weight	4.5kg [9.92lbs]
Dimensions	655 x 580 x 35mm [25.79 x 22.83 x 1.38in]
Frame	> 15μm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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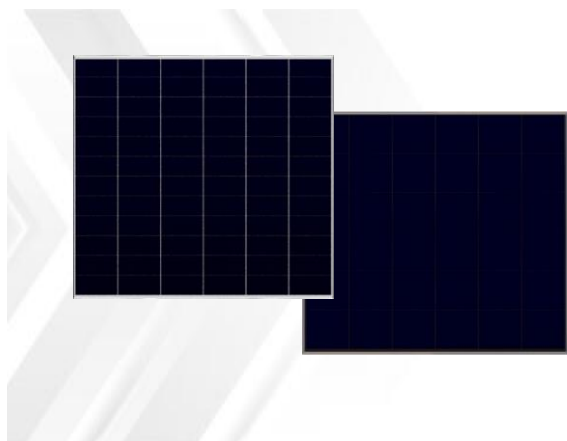
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
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Electrical Specifications

Model Type	SA-B120
Peak Power (Pmax)	120W
Module Efficiency	21.44%
Maximum Power Voltage (Vmp)	18.9V
Maximum Power Current (Imp)	6.35A
Open Circuit Voltage (Voc)	21.6V
Short Circuit Current (Isc)	6.71A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

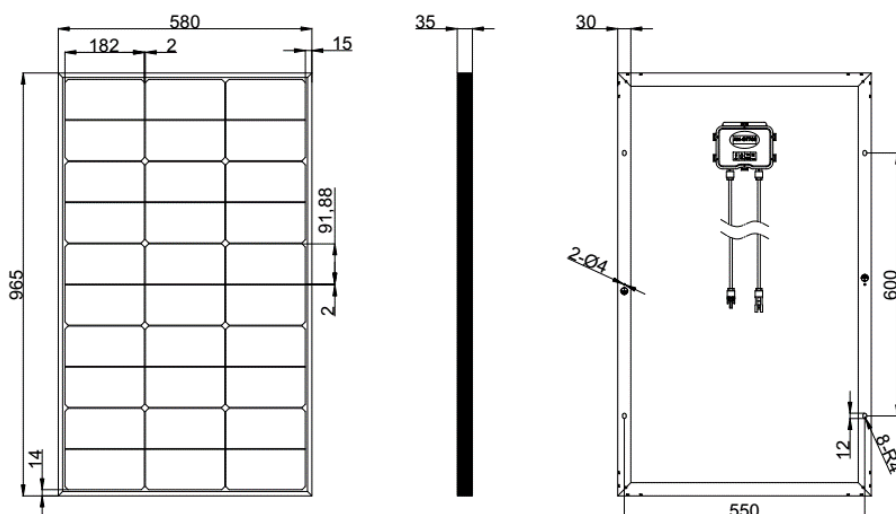
Cell type	IBC
Number of cells	total 30 cells in series
Weight	6.2kg [13.67lbs]
Dimensions	965 x 580 x 35mm [37.99 x 22.83 x 1.38in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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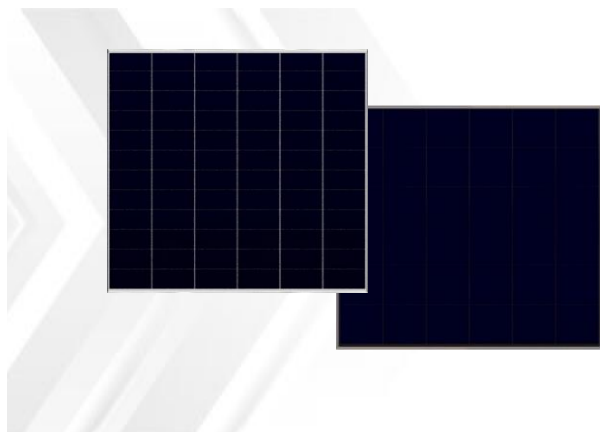
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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Features

- Aesthetically using clear surface back-contact cells
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Electrical Specifications

Model Type	SA-B130
Peak Power (Pmax)	130W
Module Efficiency	21.79%
Maximum Power Voltage (Vmp)	20.2V
Maximum Power Current (Imp)	6.44A
Open Circuit Voltage (Voc)	23.1V
Short Circuit Current (Isc)	6.79A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

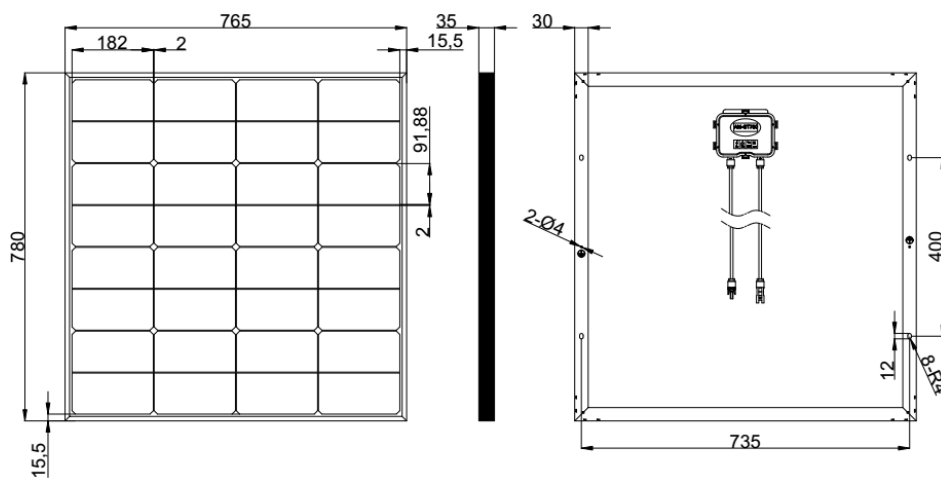
Cell type	IBC
Number of cells	total 32 cells in series
Weight	6.4kg [14.11lbs]
Dimensions	780 x 765 x 35mm [30.71 x 30.12 x 1.38in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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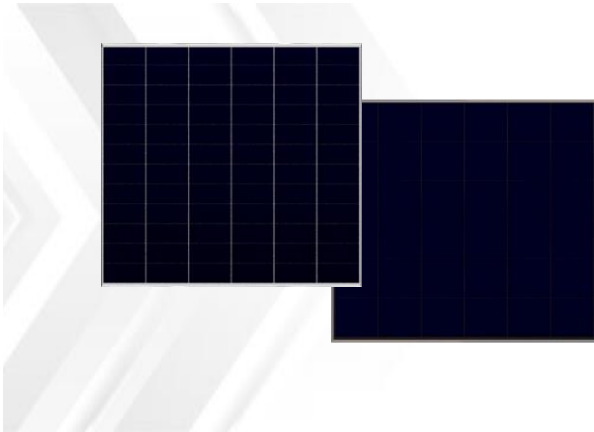
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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Features

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Electrical Specifications

Model Type	SA-B185
Peak Power (Pmax)	185W
Module Efficiency	22.08%
Maximum Power Voltage (Vmp)	21.5V
Maximum Power Current (Imp)	8.61A
Open Circuit Voltage (Voc)	24.5V
Short Circuit Current (Isc)	9.09A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

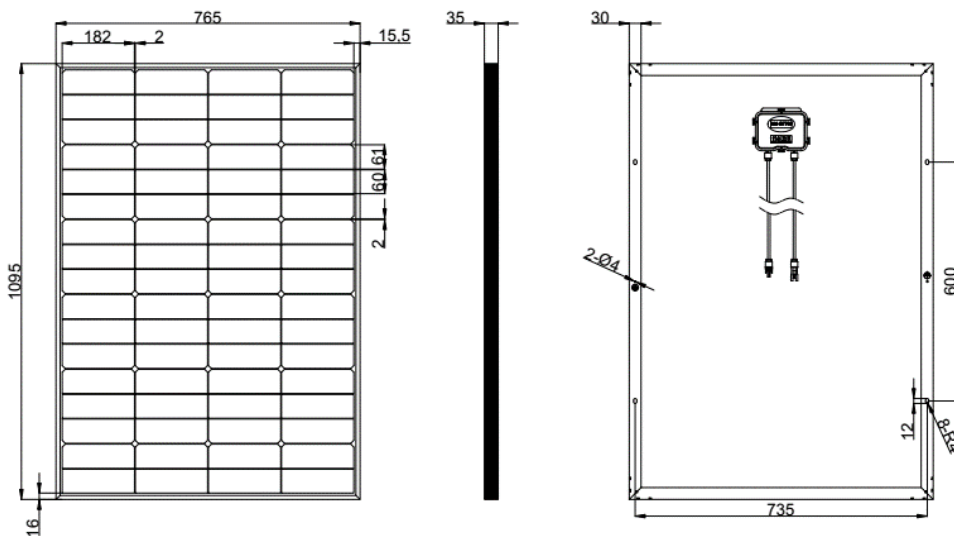
Cell type	IBC
Number of cells	total 68 cells, 34 cells in series
Weight	8.5kg [18.74lbs]
Dimensions	1095 x 765 x 35mm [43.11 x 30.12 x 1.38in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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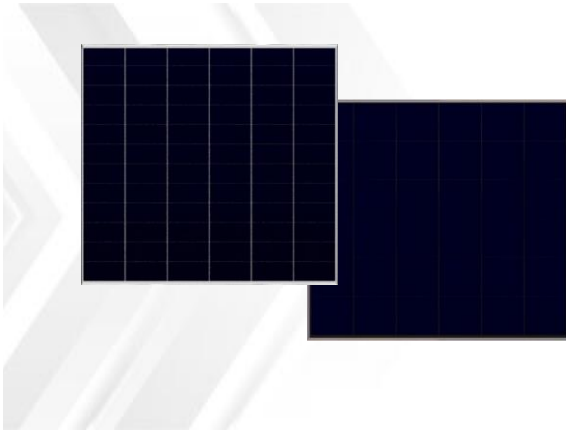
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
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- Better weak illumination response

Electrical Specifications

Model Type	SA-B245
Peak Power (Pmax)	245W
Module Efficiency	22.45%
Maximum Power Voltage (Vmp)	18.9V
Maximum Power Current (Imp)	12.96A
Open Circuit Voltage (Voc)	21.6V
Short Circuit Current (Isc)	13.69A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

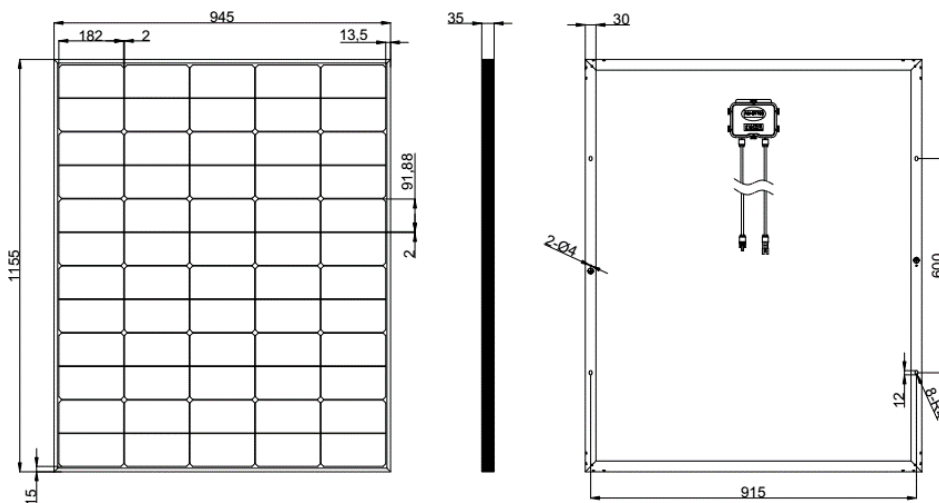
Cell type	IBC
Number of cells	total 60 cells, 30 cells in series
Weight	12.3kg [27.12lbs]
Dimensions	1155 x 945 x 35mm [45.47 x 37.20 x 1.38in]
Frame	> 15μm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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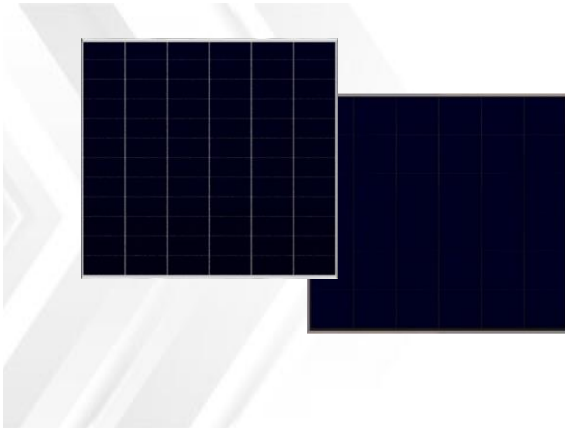
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
- N-type solar cell has no LID naturally
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Better weak illumination response

Electrical Specifications

Model Type	SA-B295
Peak Power (Pmax)	295W
Module Efficiency	22.60%
Maximum Power Voltage (Vmp)	22.8V
Maximum Power Current (Imp)	12.94A
Open Circuit Voltage (Voc)	26.1V
Short Circuit Current (Isc)	13.66A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Nominal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

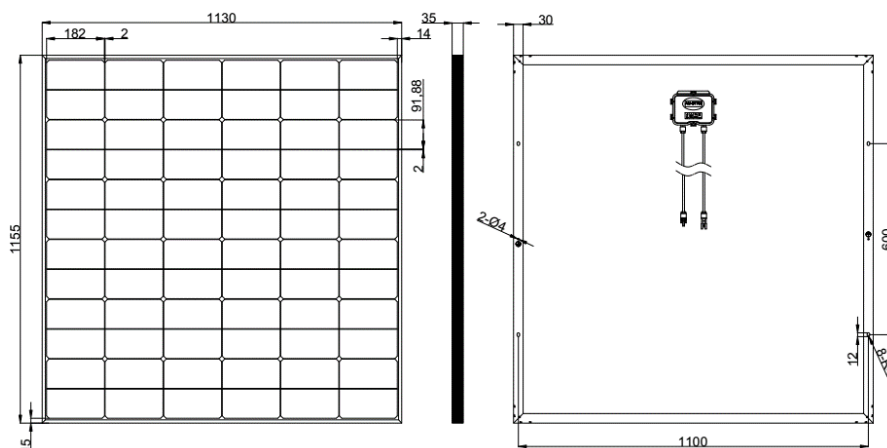
Cell type	IBC
Number of cells	total 72cells, 36 cells in series
Weight	14.8kg [32.63lbs]
Dimensions	1155 x 1130 x 35mm [45.47 x 44.49 x 1.38in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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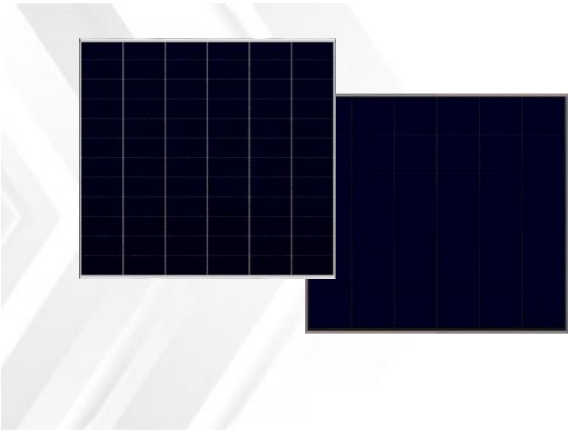
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

Caution: Read Safety and Installation Instruction before using this product.

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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
- N-type solar cell has no LID naturally
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Better weak illumination response

Electrical Specifications

Model Type	SA-B295-1
Peak Power (Pmax)	295W
Module Efficiency	22.42%
Maximum Power Voltage (Vmp)	22.8V
Maximum Power Current (Imp)	12.94A
Open Circuit Voltage (Voc)	26.1V
Short Circuit Current (Isc)	13.66A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

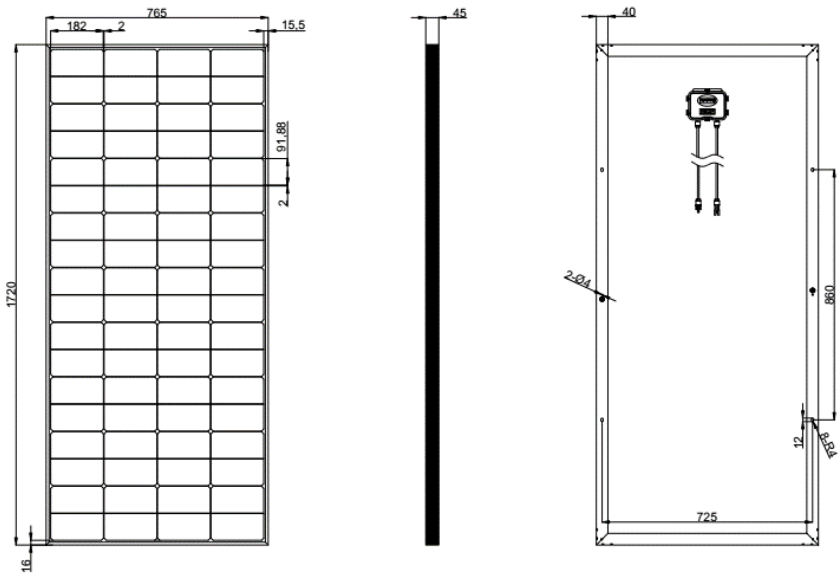
Cell type	IBC
Number of cells	total 72 cells, 36 cells in series
Weight	14.9kg [32.85lbs]
Dimensions	1720 x 765 x 35mm [67.72 x 30.12 x 1.38in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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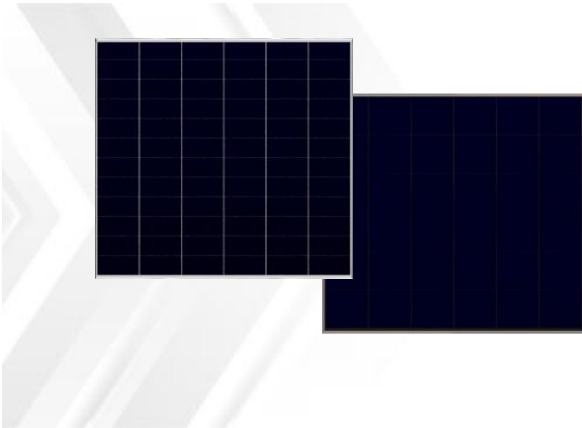
Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
- N-type solar cell has no LID naturally
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Better weak illumination response

Electrical Specifications

Model Type	SA-B355
Peak Power (Pmax)	355W
Module Efficiency	22.36%
Maximum Power Voltage (Vmp)	20.8V
Maximum Power Current (Imp)	17.07A
Open Circuit Voltage (Voc)	23.8V
Short Circuit Current (Isc)	18.03A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Nominal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

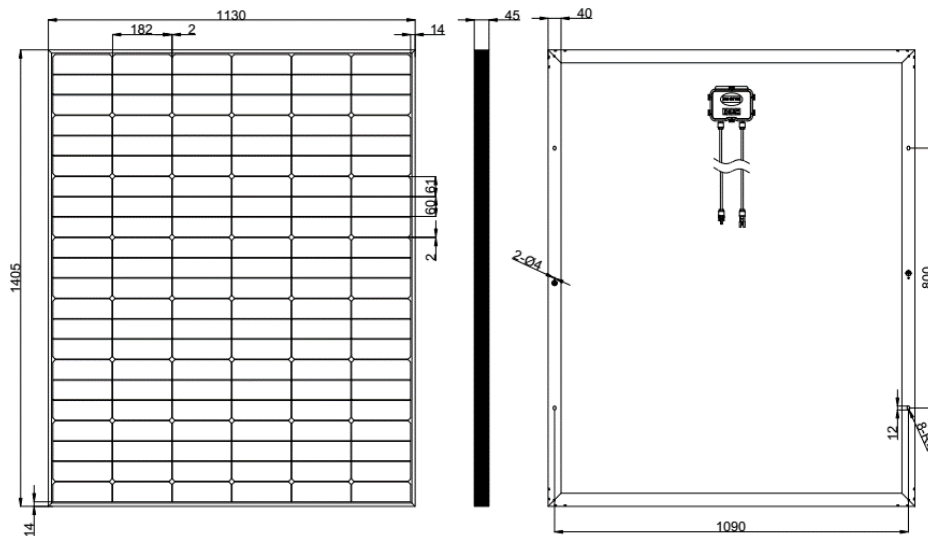
Cell type	IBC
Number of cells	total 132 cells, 33 cells in series
Weight	17.25kg [38.03lbs]
Dimensions	1405 x 1130 x 45mm [61.42 x 40.75 x 1.77in]
Frame	> 15μm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

Caution: Read Safety and Installation Instruction before using this product.

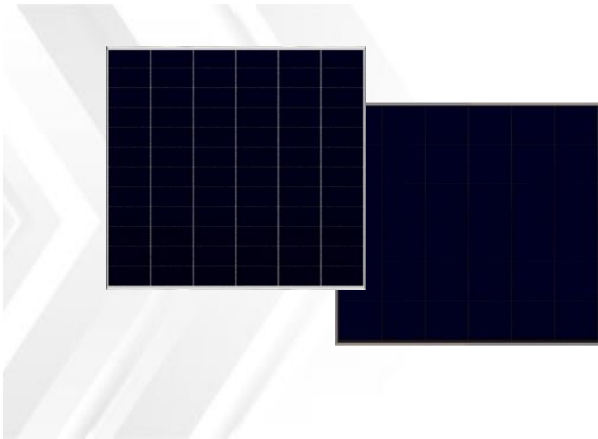
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Sunny Apex Development Limited

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Features

- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
- N-type solar cell has no LID naturally
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Better weak illumination response

Electrical Specifications

Model Type	SA-B415
Peak Power (Pmax)	415W
Module Efficiency	22.60%
Maximum Power Voltage (Vmp)	21.7V
Maximum Power Current (Imp)	19.12A
Open Circuit Voltage (Voc)	24.8V
Short Circuit Current (Isc)	20.19A
Power Tolerance	-5% / + 10%
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

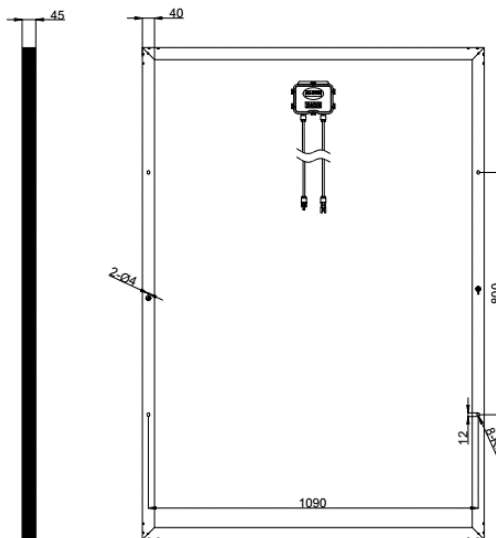
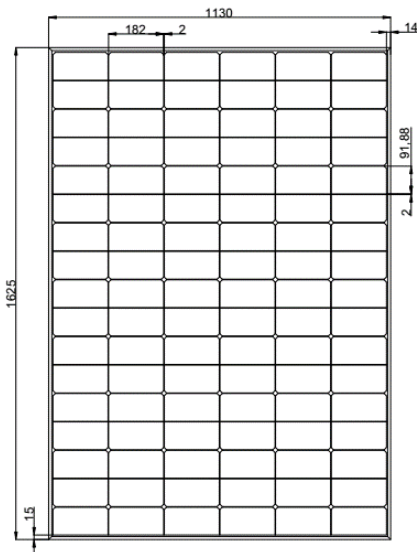
Cell type	IBC
Number of cells	total 102 cells, 34 cells in series
Weight	20kg [44.09lbs]
Dimensions	1625 x 1130 x 45mm [63.98 x 40.75 x 1.77in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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