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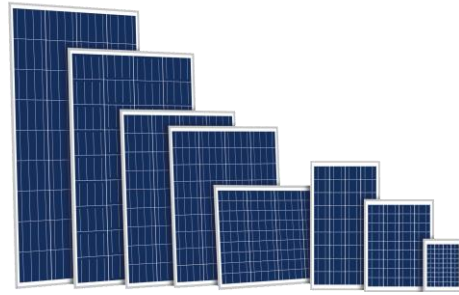
Solar Panel Guide Specification Data Sheet

**Coulee Limited
Mini Poly Series
MY200P6-72**

Also available on the web at
EnergyPal.com/coulee-limited-solar-panels/my200p6-72



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Mini Polycrystalline Solar Module

Specifications & Characteristics

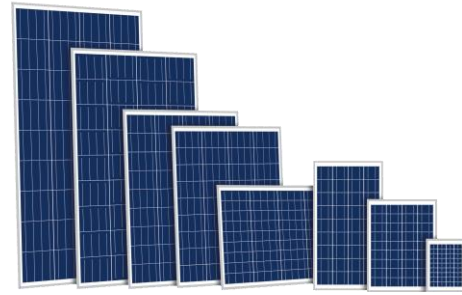
- 25-year designed service time
- Higher output and efficiency even under low light conditions
- Highly reliable due to stringent quality control
- Certified to withstand the most challenging environmental conditions

| Model | MY010P6-36 | MY015P6-36 | MY020P6-36 | MY025P6-36 | MY030P6-36 |
|----------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| Peak Power Watts - Pmax | 10Wp | 15Wp | 20Wp | 25Wp | 30Wp |
| Maximum Power Voltage - Vmp | 17.8V | 17.4V | 17.3V | 17.6V | 17.3V |
| Maximum Power Current - Imp | 0.57A | 0.87A | 1.16A | 1.43A | 1.74A |
| Open Circuit Voltage - Voc | 22.4V | 21.5V | 21.7V | 21.8V | 21.7V |
| Short Circuit Current - Isc | 0.61A | 0.95A | 1.26A | 1.51A | 1.89A |
| Module Efficiency η_m | 11.8% | 11.3% | 11.9% | 13.2% | 13.2% |
| Cell Size (Poly) | 78mm × 21.2mm | 52mm × 52mm | 156mm × 22.3mm | 156mm × 26mm | 156mm × 31.2mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) |
| Module Dimension (L × W × H) | 340mm × 250mm × 17mm | 370mm × 360mm × 17mm | 480mm × 350mm × 25mm | 540mm × 350mm × 25mm | 650mm × 350mm × 25mm |
| Module Weight | 1.0kg | 1.5kg | 2.0kg | 2.2kg | 2.6kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 9600pcs/20'GP, 28800pcs/40'HQ | 7200pcs/20'GP, 14400pcs/40'HQ | 4800pcs/20'GP, 9600pcs/40'HQ | 3200pcs/20'GP, 9600pcs/40'HQ | 2400pcs/20'GP, 7200pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5



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Mini Polycrystalline Solar Module

Specifications & Characteristics

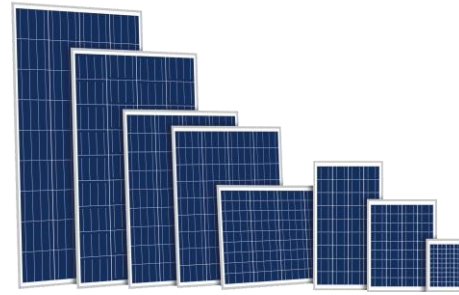
- 25-year designed service time
- Higher output and efficiency even under low light conditions
- Highly reliable due to stringent quality control
- Certified to withstand the most challenging environmental conditions

| Model | MY030P6-72 | MY035P6-36 | MY040P6-36 | MY045P6-36 | MY050P6-36 |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Peak Power Watts - Pmax | 30Wp | 35Wp | 40Wp | 45Wp | 50Wp |
| Maximum Power Voltage - Vmp | 35.8V | 17.2V | 17.8V | 17.2V | 17.8V |
| Maximum Power Current - Imp | 0.838A | 2.04A | 2.25A | 2.62A | 2.81A |
| Open Circuit Voltage - Voc | 43.6V | 21.4V | 22.4V | 21.4V | 22.4V |
| Short Circuit Current - Isc | 0.89A | 2.16A | 2.38A | 2.77A | 2.97A |
| Module Efficiency η_m | 13.2% | 12.7% | 14.5% | 12.4% | 13.8% |
| Cell Size (Poly) | 78mm × 31.2mm | 156mm × 39mm | 156mm × 39mm | 156mm × 52mm | 156mm × 52mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 72pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) |
| Module Dimension (L × W × H) | 650mm × 350mm × 25mm | 540mm × 510mm × 25mm | 540mm × 510mm × 25mm | 670mm × 540mm × 30mm | 670mm × 540mm × 30mm |
| Module Weight | 2.6kg | 3.2kg | 3.2kg | 4.2kg | 4.2kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 2400pcs/20'GP, 7200pcs/40'HQ | 2400pcs/20'GP, 6400pcs/40'HQ | 2400pcs/20'GP, 6400pcs/40'HQ | 1440pcs/20'GP, 4320pcs/40'HQ | 1440pcs/20'GP, 4320pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5



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Mini Polycrystalline Solar Module

Specifications & Characteristics

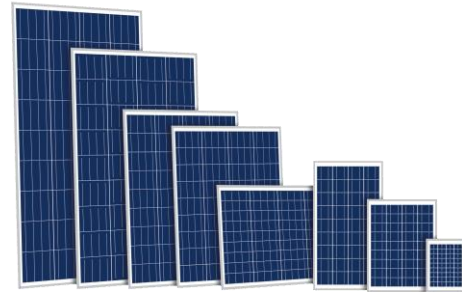
- 25-year designed service time
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- Certified to withstand the most challenging environmental conditions

| Model | MY055P6-36 | MY060P6-36 | MY065P6-36 | MY070P6-36 | MY075P6-36 |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Peak Power Watts - Pmax | 55Wp | 60Wp | 65Wp | 70Wp | 75Wp |
| Maximum Power Voltage - Vmp | 18.1V | 17.6V | 18.2V | 17.2V | 17.5V |
| Maximum Power Current - Imp | 3.04A | 3.41A | 3.58A | 4.07A | 4.29A |
| Open Circuit Voltage - Voc | 22.6V | 22.4V | 22.8V | 21.6V | 22.4V |
| Short Circuit Current - Isc | 3.22A | 3.61A | 3.78A | 4.31A | 4.54A |
| Module Efficiency η_m | 15.2% | 13.8% | 14.9% | 13.6% | 14.6% |
| Cell Size (Poly) | 156mm × 52mm | 156mm × 65mm | 156mm × 65mm | 156mm × 78mm | 156mm × 78mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) |
| Module Dimension (L × W × H) | 670mm × 540mm × 30mm | 670mm × 650mm × 30mm | 670mm × 650mm × 30mm | 770mm × 670mm × 30mm | 770mm × 670mm × 30mm |
| Module Weight | 4.2kg | 5.0kg | 5.0kg | 6.0kg | 6.0kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 1440pcs/20'GP, 4320pcs/40'HQ | 1088pcs/20'GP, 3264pcs/40'HQ | 1088pcs/20'GP, 3264pcs/40'HQ | 1088pcs/20'GP, 2856pcs/40'HQ | 1088pcs/20'GP, 2856pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5



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Mini Polycrystalline Solar Module

Specifications & Characteristics

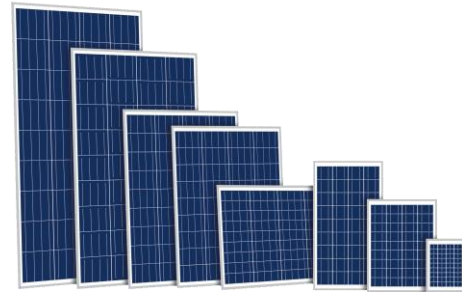
- 25-year designed service time
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| Model | MY080P6-36 | MY085P6-36 | MY090P6-36 | MY095P6-36 | MY100P6-36 |
|----------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| Peak Power Watts - Pmax | 80Wp | 85Wp | 90Wp | 95Wp | 100Wp |
| Maximum Power Voltage - Vmp | 18.1V | 17.6V | 17.8V | 17.4V | 17.8V |
| Maximum Power Current - Imp | 4.42A | 4.83A | 5.06A | 5.46A | 5.62A |
| Open Circuit Voltage - Voc | 22.6V | 22.4V | 22.6V | 21.8V | 22.4V |
| Short Circuit Current - Isc | 4.68A | 5.12A | 5.36A | 5.78A | 5.95A |
| Module Efficiency η_m | 15.5% | 14.1% | 15.0% | 14.2% | 15.0% |
| Cell Size (Poly) | 156mm × 78mm | 156mm × 91mm | 156mm × 91mm | 156mm × 104mm | 156mm × 104mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) |
| Module Dimension (L × W × H) | 770mm × 670mm × 30mm | 900mm × 670mm × 30mm | 900mm × 670mm × 30mm | 1000mm × 670mm × 30mm | 1000mm × 670mm × 30mm |
| Module Weight | 6.0kg | 7.0kg | 7.0kg | 8.0kg | 8.0kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 1088pcs/20'GP, 2856pcs/40'HQ | 1088pcs/20'GP, 2448pcs/40'HQ | 1088pcs/20'GP, 2448pcs/40'HQ | 680pcs/20'GP, 2244pcs/40'HQ | 680pcs/20'GP, 2244pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5



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Mini Polycrystalline Solar Module

Specifications & Characteristics

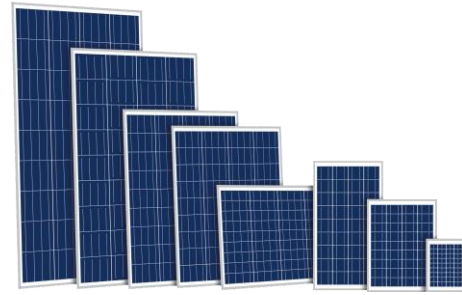
- 25-year designed service time
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| Model | MY105P6-36 | MY110P6-36 | MY115P6-36 | MY120P6-36 | MY125P6-36 |
|----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Peak Power Watts - Pmax | 105Wp | 110Wp | 115Wp | 120Wp | 125Wp |
| Maximum Power Voltage - Vmp | 18.2V | 17.8V | 18.1V | 17.8V | 17.8V |
| Maximum Power Current - Imp | 5.77A | 6.18A | 6.35A | 6.74A | 6.98A |
| Open Circuit Voltage - Voc | 22.6V | 21.4V | 21.6V | 21.4V | 21.3V |
| Short Circuit Current - Isc | 6.11A | 6.55A | 6.73A | 7.15A | 7.4A |
| Module Efficiency η_m | 15.7% | 14.7% | 15.3% | 14.3% | 14.9% |
| Cell Size (Poly) | 156mm × 104mm | 156mm × 117mm | 156mm × 117mm | 156mm × 130mm | 156mm × 130mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) | 36pcs (in series) |
| Module Dimension (L × W × H) | 1000mm × 670mm × 30mm | 1120mm × 670mm × 30mm | 1120mm × 670mm × 30mm | 1250mm × 670mm × 30mm | 1250mm × 670mm × 30mm |
| Module Weight | 8.0kg | 8.6kg | 8.6kg | 9.6kg | 9.6kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 680pcs/20'GP, 2244pcs/40'HQ | 680pcs/20'GP, 2040pcs/40'HQ | 680pcs/20'GP, 2040pcs/40'HQ | 544pcs/20'GP, 1836pcs/40'HQ | 544pcs/20'GP, 1836pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5



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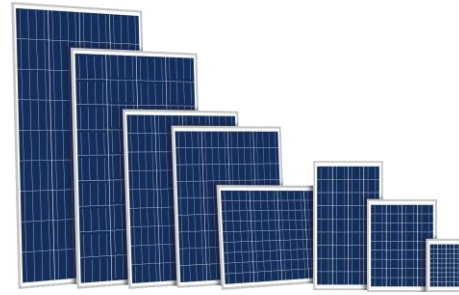
Mini Polycrystalline Solar Module

Specifications & Characteristics

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| Model | MY130P6-36 | MY130P6-32 | MY135P6-32 | MY140P6-32 | MY150P6-36 |
|----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Peak Power Watts - Pmax | 130Wp | 130Wp | 135Wp | 140Wp | 150Wp |
| Maximum Power Voltage - Vmp | 18.2V | 16.0V | 16.1V | 16.2V | 18.0V |
| Maximum Power Current - Imp | 7.14A | 8.13A | 8.39A | 8.64A | 8.33A |
| Open Circuit Voltage - Voc | 21.7V | 18.5V | 18.8V | 19.1V | 22.0V |
| Short Circuit Current - Isc | 7.57A | 8.62A | 8.89A | 9.16A | 8.83A |
| Module Efficiency η_m | 15.5% | 14.7% | 15.3% | 15.8% | 15.1% |
| Cell Size (Poly) | 156mm × 130mm | 156mm × 156mm | 156mm × 156mm | 156mm × 156mm | 156mm × 156mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 36pcs (in series) | 32pcs (in series) | 32pcs (in series) | 32pcs (in series) | 36pcs (in series) |
| Module Dimension (L × W × H) | 1250mm × 670mm × 30mm | 1320mm × 670mm × 30mm | 1320mm × 670mm × 30mm | 1320mm × 670mm × 30mm | 1480mm × 670mm × 35mm |
| Module Weight | 9.6kg | 10.0kg | 10.0kg | 10.0kg | 12.0kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 544pcs/20'GP, 1836pcs/40'HQ | 544pcs/20'GP, 1632pcs/40'HQ | 544pcs/20'GP, 1632pcs/40'HQ | 544pcs/20'GP, 1632pcs/40'HQ | 476pcs/20'GP, 1530pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5



Specifications & Characteristics

- 25-year designed service time
- Higher output and efficiency even under low light conditions
- Highly reliable due to stringent quality control
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| Model | MY160P6-36 | MY170P6-36 | MY200P6-60 | MY200P6-72 |
|----------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| Peak Power Watts - Pmax | 160Wp | 170Wp | 200Wp | 200Wp |
| Maximum Power Voltage - Vmp | 18.2V | 18.4V | 30.3V | 35.8V |
| Maximum Power Current - Imp | 8.79A | 9.24A | 6.61A | 5.59A |
| Open Circuit Voltage - Voc | 22.2V | 22.4V | 35.7V | 43.8V |
| Short Circuit Current - Isc | 9.32A | 9.79A | 7.22A | 5.92A |
| Module Efficiency η_m | 16.1% | 17.1% | 15.3% | 15.3% |
| Cell Size (Poly) | 156mm × 156mm | 156mm × 156mm | 156.75mm × 125.5mm | 156mm × 104mm |
| Power Output Tolerance - Pmax | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% | 0 ~ +3% |
| Numbers of Cells | 36pcs (in series) | 36pcs (in series) | 60pcs (in series) | 32pcs (in series) |
| Module Dimension (L × W × H) | 1480mm × 670mm × 35mm | 1480mm × 670mm × 35mm | 1320mm × 992mm × 35mm | 1320mm × 992mm × 35mm |
| Module Weight | 12.0kg | 12.0kg | 15.0kg | 15.0kg |
| Maximum System Voltage | 1000VDC | 1000VDC | 1000VDC | 1000VDC |
| Maximum Static Load (Front/Back) | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa | 5400Pa/2400Pa |
| Operating Temperature Range | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C | -40°C ~ +85°C |
| NOTC | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C | 45 ± 2°C |
| Temperature Coefficients of Isc | +0.06%/°C | +0.06%/°C | +0.06%/°C | +0.06%/°C |
| Temperature Coefficients of Voc | -0.35%/°C | -0.35%/°C | -0.35%/°C | -0.35%/°C |
| Temperature Coefficients of Pmax | -0.4%/°C | -0.4%/°C | -0.4%/°C | -0.4%/°C |
| Load Capacity | 476pcs/20'GP, 1530pcs/40'HQ | 476pcs/20'GP, 1530pcs/40'HQ | 480pcs/20'GP, 960pcs/40'HQ | 480pcs/20'GP, 960pcs/40'HQ |

STC: Irradiance 1000W/m², cell temperature 25°C, AM = 1.5