

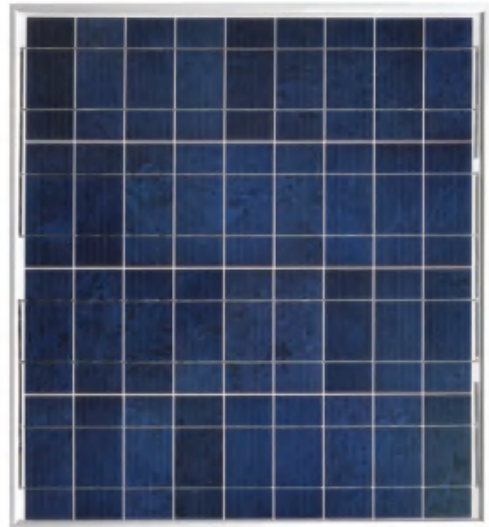
NM50P



Temperature Coefficients

| | |
|--------------------------------------|------------|
| NOCT | 45 +/-2°C |
| Voltage temperature coefficient(Voc) | -0.36%/°C |
| Current temperature coefficient(Isc) | +0.033%/°C |
| Power temperature coefficient(Pmpp) | -0.44%/°C |
| Minimum power tolerance | 0~+3% |

NOCT:Nominal Operating cell Temperature



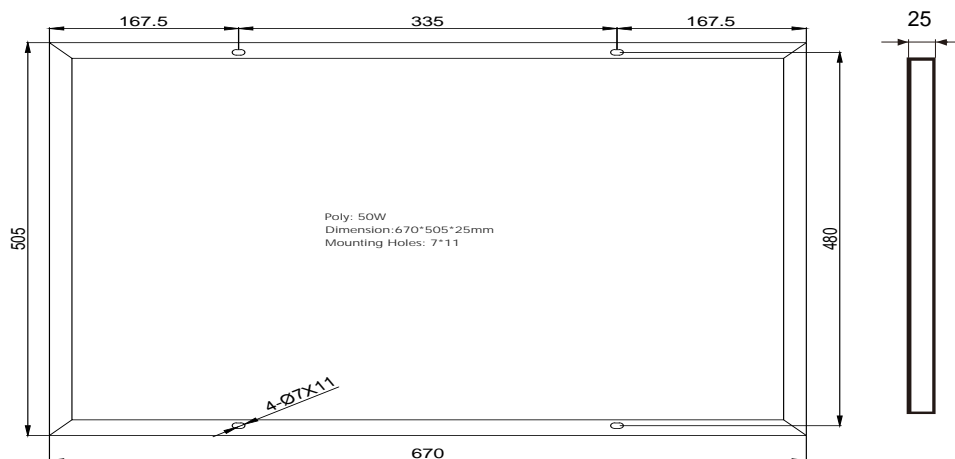
Mechanical Data

| | | |
|-------------|--------------------------|-------------|
| Solar Cell | 36(4×9) Poly-crystalline | 156.75*49mm |
| Front Glass | 3.2mm tempered | |
| Frame | Anodized aluminium | |

Electrical Data

| | |
|----------------------------|----------------|
| Module type | NM50P |
| Nominal peak power(Wp) | 50W |
| Nominal voltage(Vmp) | 17.5V |
| Nominal current(Imp) | 2.86A |
| Open-circuit voltage(Voc) | 22.0V |
| Short-circuit current(Isc) | 3.17A |
| Cell efficiency | 18.0% |
| Operating temperature | -40°C to +85°C |
| Maximum system voltage | 1000V |
| Weight | 4.0kg |
| Dimension | 505*670*25mm |

STC:1000W/m²,25°C



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■ NM100P



Temperature Coefficients

| | |
|--------------------------------------|------------|
| NOCT | 45 +/-2°C |
| Voltage temperature coefficient(Voc) | -0.36%/°C |
| Current temperature coefficient(Isc) | +0.033%/°C |
| Power temperature coefficient(Pmpp) | -0.44%/°C |
| Minimum power tolerance | 0~+3% |

NOCT:Nominal Operating cell Temperature

Mechanical Data

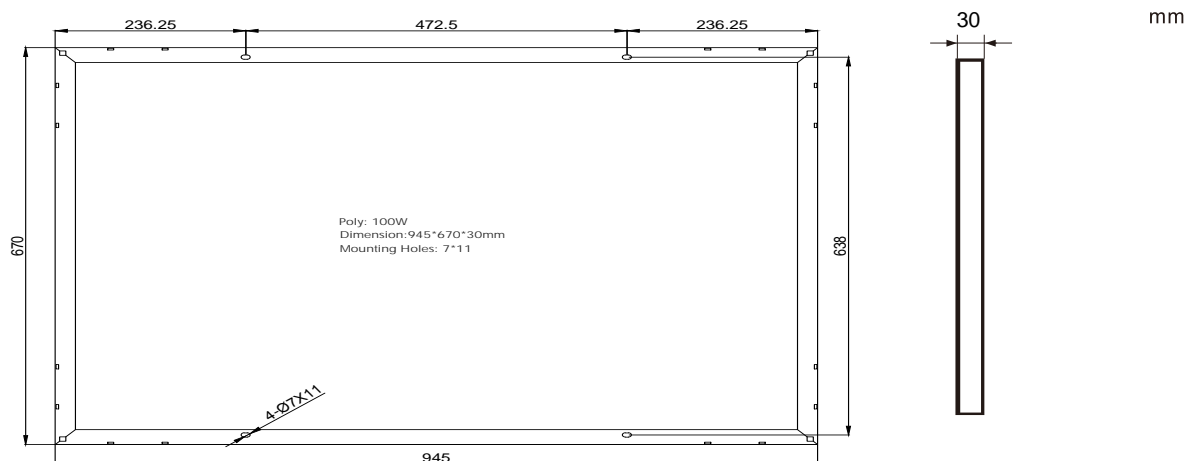
| | |
|-------------|--------------------------------------|
| Solar Cell | 36(4×9) Poly-crystalline 156.75*98mm |
| Front Glass | 3.2mm tempered |
| Frame | Anodized aluminium |



Electrical Data

| | |
|----------------------------|----------------|
| Module type | NM100P |
| Nominal peak power(Wp) | 100W |
| Nominal voltage(Vmp) | 17.5V |
| Nominal current(Imp) | 5.72A |
| Open-circuit voltage(Voc) | 22.0V |
| Short-circuit current(Isc) | 6.35A |
| Cell efficiency | 18.0% |
| Operating temperature | -40°C to +85°C |
| Maximum system voltage | 1000VDC |
| Weight | 7.5kg |
| Dimension | 945*670*30mm |

STC:1000W/m² 25°C



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NM160PP



Temperature Coefficients

| | |
|--------------------------------------|------------|
| NOCT | 45 +/-2°C |
| Voltage temperature coefficient(Voc) | -0.36%/°C |
| Current temperature coefficient(Isc) | +0.033%/°C |
| Power temperature coefficient(Pmpp) | -0.44%/°C |
| Minimum power tolerance | +/- 3% |

NOCT:Nominal Operating cell Temperature

Mechanical Data

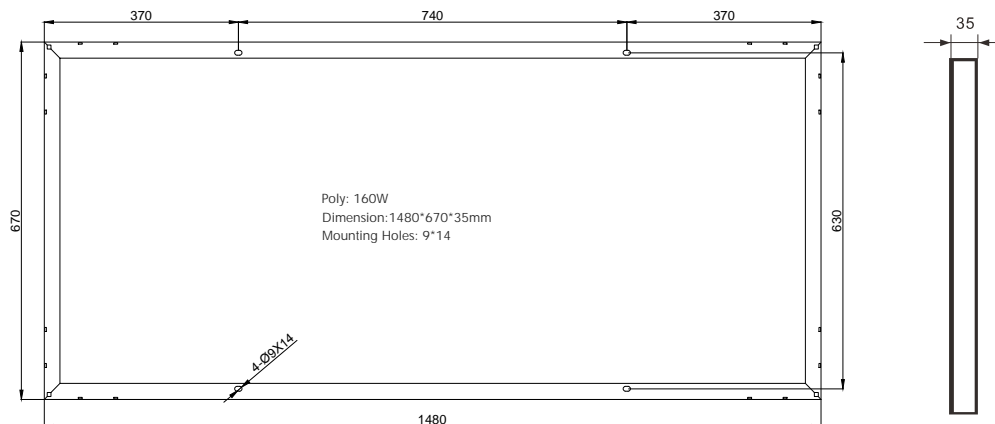
| | |
|-------------|--|
| Solar Cell | 36(4*9) PERC Polycrystalline 156.75*156.75mm |
| Front Glass | 3.2mm tempered |
| Frame | Anodized aluminium |



Electrical Data

| | |
|----------------------------|----------------|
| Module type | NM160PP |
| Nominal peak power(Wp) | 160W |
| Nominal voltage(Vmp) | 17.8V |
| Nominal current(Imp) | 8.99A |
| Open-circuit voltage(Voc) | 22.5V |
| Short-circuit current(Isc) | 9.99A |
| Cell efficiency | 18.6% |
| Operating temperature | -40°C to +85°C |
| Maximum system voltage | 1000VDC |
| Weight | 11.2kg |
| Dimension | 1480*670*35mm |

STC:1000W/m²,25°C



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