

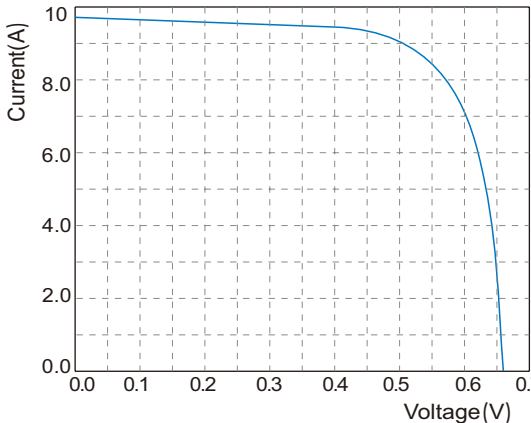
BASIC INFORMATION

| | |
|-----------|---|
| Format | 156.75×156.75mm±0.25mm |
| Diameter | 210.0±0.25mm |
| Thickness | 220±20μm |
| Weight | 12.3±0.5g |
| Front(-) | 4 bus bars with 1.0mm width. Deep blue anti-reflecting coating (silicon nitride). |
| | 1.7mm wide soldering pads(silver), Aluminium back surface field. |

INTENSITY DEPENDENCE

| Irradiance [W/m ²] | Open-circuit voltage [%] | Short-circuit current [%] | Maximum power [%] |
|--------------------------------|--------------------------|---------------------------|-------------------|
| 1000 | 100.0 | 100.0 | 100.0 |
| 800 | 99.10 | 80.08 | 80.24 |
| 600 | 97.84 | 60.00 | 59.99 |
| 400 | 96.22 | 40.00 | 39.68 |
| 200 | 93.32 | 19.98 | 19.30 |

I-V CURVE



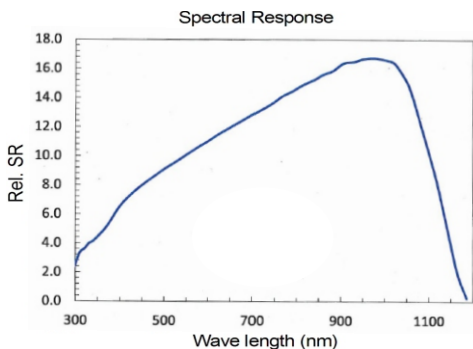
ELECTRICAL PARAMETERS

| Efficiency Ncell(%) | Maximum power Pmpp(w) | Peak voltage Vmp(V) | Peak current Imp(A) | Open-circuit voltage Voc(V) | Short-circuit current Isc(A) |
|---------------------|-----------------------|---------------------|---------------------|-----------------------------|------------------------------|
| ≥21.6 | 5.28 | 0.561 | 9,412 | 0.662 | 9.970 |
| 21.5-21.6 | 5.25 | 0.560 | 9,375 | 0.661 | 9.953 |
| 21.4-21.5 | 5.23 | 0.559 | 9,360 | 0.661 | 9.940 |
| 21.3-21.4 | 5.20 | 0.558 | 9,318 | 0.660 | 9.923 |
| 21.2-21.3 | 5.18 | 0.557 | 9,300 | 0.659 | 9.916 |
| 21.1-21.2 | 5.16 | 0.555 | 9,297 | 0.658 | 9.903 |
| 21.0-21.1 | 5.13 | 0.554 | 9,260 | 0.657 | 9.871 |
| 20.9-21.0 | 5.11 | 0.553 | 9,240 | 0.657 | 9.845 |
| 20.8-20.9 | 5.08 | 0.551 | 9,220 | 0.656 | 9.815 |
| 20.7-20.8 | 5.06 | 0.550 | 9,200 | 0.655 | 9.794 |
| 20.6-20.7 | 5.03 | 0.548 | 9,179 | 0.654 | 9.773 |
| 20.5-20.6 | 5.01 | 0.547 | 9,159 | 0.653 | 9.747 |

TEMPERATURE CHARACTERISTICS

| NAME | UNIT | VALUE |
|-----------------|--------|--------|
| α_{Isc} | [%/°C] | 0.047 |
| β_{Voc} | [%/°C] | -0.323 |
| γ_{Pmax} | [%/°C] | -0.414 |

SPECTRAL RESPONSE



QUALITY ASSURANCE

