



Huge-solar

Radiance Series

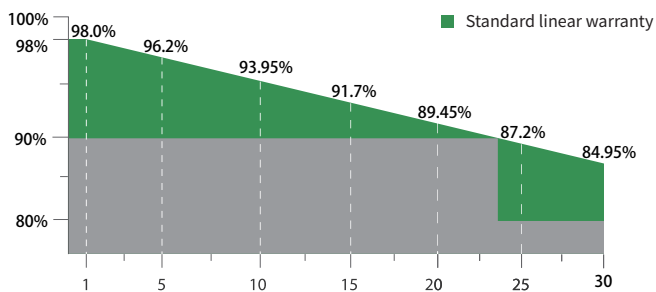
M182H654-DG-385-420W

385-420W Mono

Double glass and frame packaging to ensure module strength. will produce more energy than a mono facial module with the same nameplate power. Bifacial module can convert light that strikes both the front face and the back face of the module into electricity. Under the same conditions a bifacial module will produce more energy than a single-sided module with the same nameplate power.



Linear performance Warranty



Linear performance warranty



Product warranty

Comprehensive Certificates

CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



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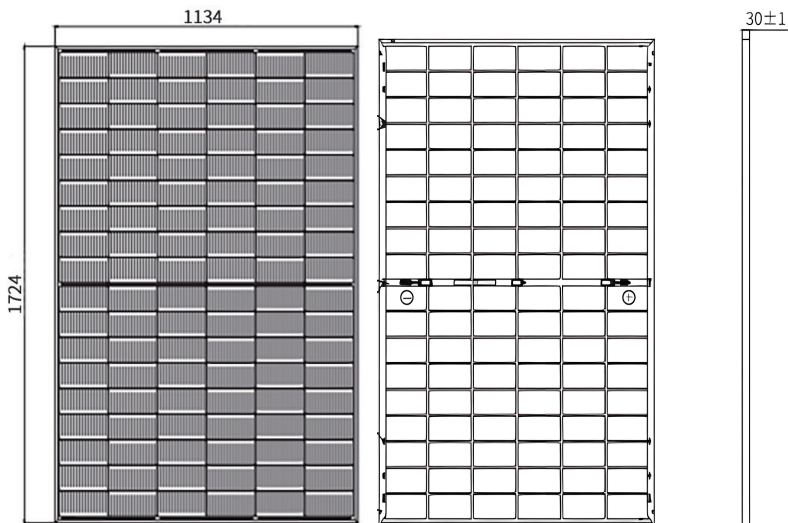
| Electrical Specificatio | | | | | | | | | | | | | | | | | |
|-----------------------------|---------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
| Module Type | | M182H654-DG-385W | | M182H654-DG-390W | | M182H654-DG-395W | | M182H654-DG-400W | | M182H654-DG-405W | | M182H654-DG-410W | | M182H654-DG-415W | | M182H654-DG-420W | |
| Test Standards | | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power | Pmax(W) | 385 | 287.2 | 390 | 291.1 | 395 | 295.2 | 400 | 298.9 | 405 | 302.7 | 410 | 306.4 | 415 | 310.1 | 420 | 313.8 |
| Maximum Power Voltage | Vmp(V) | 30.58 | 28.50 | 30.75 | 28.66 | 30.92 | 28.82 | 31.09 | 28.98 | 31.26 | 29.13 | 31.43 | 29.29 | 31.60 | 29.45 | 31.77 | 29.61 |
| Maximum Power Current | Imp(A) | 12.59 | 10.08 | 12.68 | 10.16 | 12.77 | 10.24 | 12.86 | 10.32 | 12.96 | 10.13 | 13.05 | 10.46 | 13.14 | 10.53 | 13.23 | 10.60 |
| Open Circuit Voltage | Voc(V) | 36.40 | 34.40 | 36.60 | 34.59 | 36.80 | 34.78 | 37.00 | 34.97 | 37.20 | 35.15 | 37.40 | 35.34 | 37.60 | 35.52 | 37.80 | 35.70 |
| Short Circuit Current | Isc(A) | 13.26 | 10.77 | 13.39 | 10.87 | 13.52 | 10.97 | 13.65 | 11.07 | 13.76 | 11.17 | 13.88 | 11.26 | 14.0 | 11.36 | 14.12 | 11.46 |
| Module Efficiency | (%) | 19.69 | | 19.95 | | 20.20 | | 20.46 | | 20.72 | | 20.97 | | 21.23 | | 21.48 | |
| Power Output Tolerance | (W) | 0±5 | | | | | | | | | | | | | | | |
| Tolerance During Power Test | (%) | ±3 | | | | | | | | | | | | | | | |

"(STC)"irradiance 1000W/m², Module Temperature 25 C, Air Mass 1.5
 "(NOCT)"irradiance 800W/m², Ambient Temperature 20 C, Wind Speed 1m/s"

| Mechanical Data | |
|---|--|
| Number of Cells | 108Cells(6×18) |
| Dimensions of Module L*W*H (mm) | 1724×1134×30mm |
| Weight (kg) | 25kg |
| Glass | Double-sided glass 2mm |
| Frame | anodized aluminium alloy |
| J-BOX | IP68, 3 diodes |
| Cable | 4.0mm ² , 300mm or customized |
| Wind/Snow Load | 2400Pa/5400Pa* |
| Connector | MC Compatible |
| Maximum power two-sided ratio | 70±5% |
| *For more details please check the installation manual | |

| Temperature Ratings | |
|--|--------------------|
| Nominal Operating Cell Temperature(NOCT) | 44±2 C |
| Temperature Coefficient of Isc | +0.048%/C |
| Temperature Coefficient of Voc | -0.270%/C |
| Temperature Coefficient of Pmax | -0.350%/C |
| Maximum Ratings | |
| Operational Temperature | -40 - +85 C |
| Maximum System Voltage | 1500V DC |
| Max Series Fuse Rating | 25A |
| Packaging Configuration | |
| Module per box | 36+36=72pieces |
| Module per 40'container | 936pieces(30Frame) |

ENGINEERING DRAWINGS



IV CURVES

