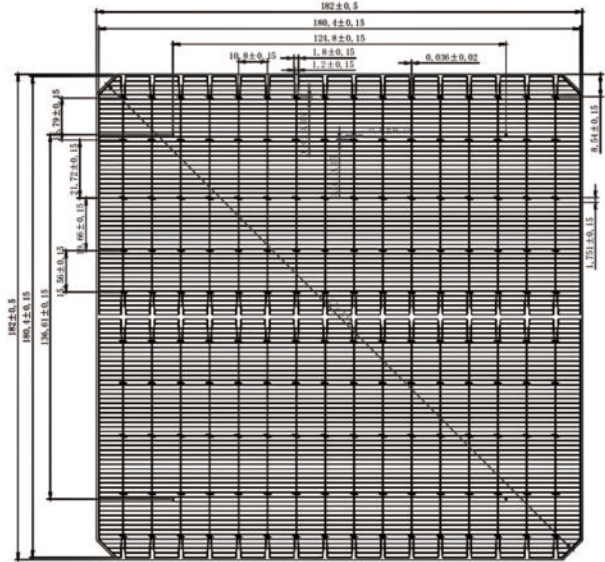
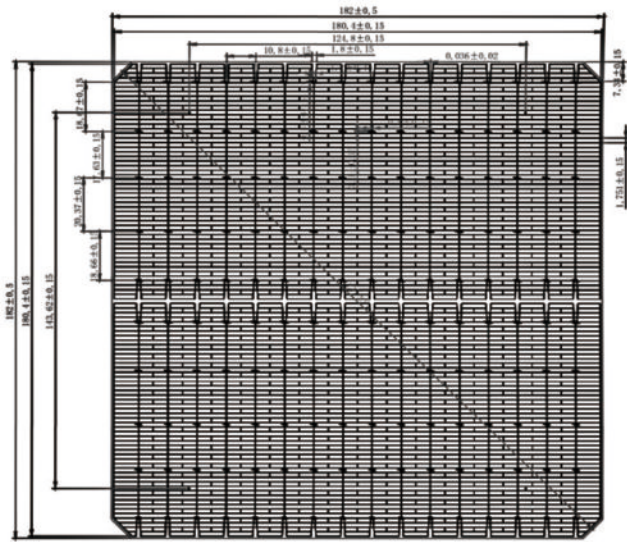


EQ-TM1016



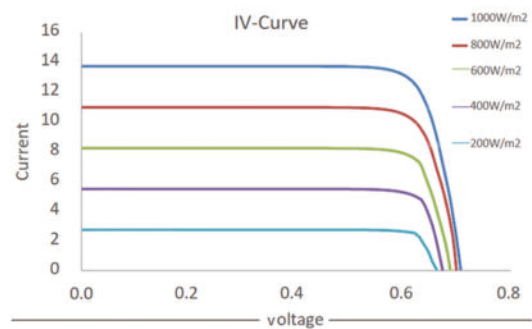
Temperature Coefficients

| | | |
|---------------------------------|-------------------|----------|
| Current Temperature Coefficient | $\alpha(I_{sc})$ | 0.048%/K |
| Voltage Temperature Coefficient | $\beta(V_{oc})$ | -0.30%/K |
| Power Temperature Coefficient | $\gamma(P_{max})$ | -0.38%/K |

Technical Requirements

| | |
|-----------|--|
| Size | 182mm*182mm \pm 0.5mm |
| Thickness | 160um \pm 16um 165 \pm 16.5um |
| Front (-) | 0.036 \pm 0.02mm bus bars(silver) |
| Back (+) | 0.036 \pm 0.02mm bus bars(silver) black anti-reflecting coating(silicon nitride) |

IV Curve



Electrical Characteristics

| No. | Eff (%) | Pmpp(W) | Ump(V) | Imp(A) | Uoc(V) | Isc(A) | FF(%) |
|-----|---------|---------|--------|--------|--------|--------|-------|
| 1 | 25.0 | 8.255 | 0.610 | 13.54 | 0.709 | 14.20 | 82.03 |
| 2 | 24.9 | 8.221 | 0.608 | 13.52 | 0.710 | 14.21 | 81.46 |
| 3 | 24.8 | 8.188 | 0.605 | 13.55 | 0.707 | 14.17 | 81.70 |
| 4 | 24.7 | 8.155 | 0.604 | 13.49 | 0.701 | 14.16 | 82.09 |
| 5 | 24.6 | 8.122 | 0.601 | 13.51 | 0.698 | 14.13 | 82.31 |
| 6 | 24.5 | 8.089 | 0.599 | 13.50 | 0.703 | 14.19 | 81.06 |
| 7 | 24.4 | 8.057 | 0.597 | 13.49 | 0.695 | 14.15 | 81.91 |
| 8 | 24.3 | 8.024 | 0.596 | 13.45 | 0.697 | 14.14 | 81.44 |
| 9 | 24.2 | 7.991 | 0.595 | 13.42 | 0.691 | 14.11 | 82.00 |
| 10 | 24.1 | 7.958 | 0.593 | 13.41 | 0.692 | 14.09 | 81.64 |
| 11 | 24.0 | 7.925 | 0.600 | 13.21 | 0.705 | 14.16 | 79.40 |
| 12 | 23.9 | 7.894 | 0.597 | 13.23 | 0.705 | 14.17 | 78.97 |
| 13 | 23.8 | 7.861 | 0.591 | 13.29 | 0.706 | 14.23 | 78.26 |
| 14 | 23.7 | 7.825 | 0.603 | 12.98 | 0.704 | 14.19 | 78.36 |
| 15 | 23.6 | 7.794 | 0.583 | 13.36 | 0.709 | 14.20 | 77.45 |