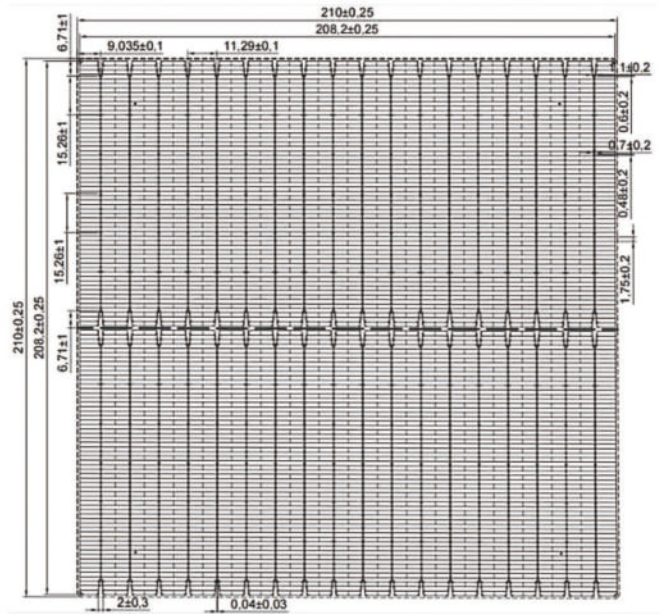
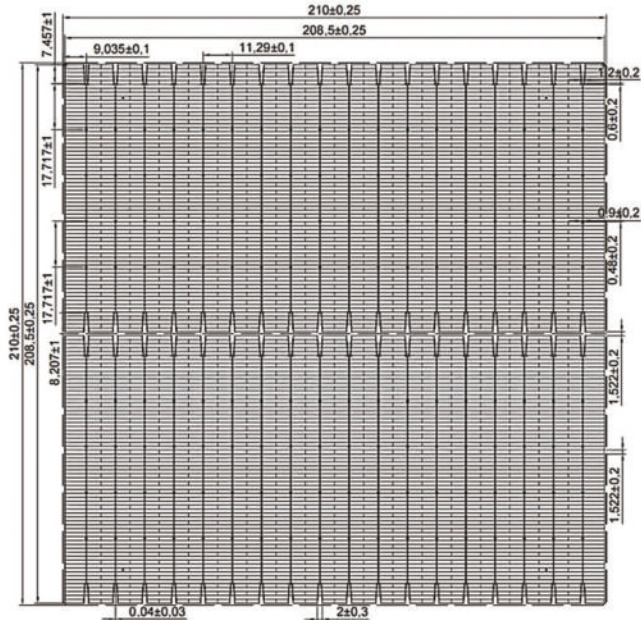




EQ-TM1218



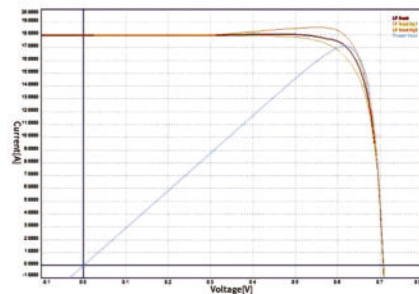
Solderability

Solderability $\geq 0.5N/mm$
 The results may be influenced by electrode, welding method and conditions

Light Intensity Reliability

| | | | | | |
|------------------------------|-------|-------|-------|-------|-------|
| Intensity(W/m ²) | 1000 | 900 | 800 | 600 | 400 |
| Voc | 1.000 | 0.996 | 0.991 | 0.988 | 0.962 |
| Isc | 1.000 | 0.903 | 0.803 | 0.602 | 0.403 |

Iv Curve



Technical Data And Design

| | | |
|-----------|--|--------------------|
| Size | 210mm*210mm±0.25mm, Φ295mm±0.25mm | Voltage: -0.26%/K |
| Thickness | 170±20μm | Current: +0.046%/K |
| Front (-) | 18*0.04±0.03mm main gate line (silver), 120±12 secondary gate lines blue (dark blue), anti-reflective film (silicon nitride) | Power: -0.32%/K |
| Back (+) | 18*0.04±0.03mm Back electrode width (silver) 138±14mm sub-grid lines | Rsh≥35Ω, Irev2≤1A |

Front Electrical Performance Parameters

| Eff(%) | Pmpp(W) | Vmpp(V) | Imp(A) | Uoc(V) | Isc(A) | FF(%) |
|--------|---------|---------|--------|--------|--------|-------|
| 24.4 | 10.76 | 0.623 | 17.343 | 0.717 | 18.119 | 82.82 |
| 24.3 | 10.72 | 0.621 | 17.313 | 0.715 | 18.113 | 82.74 |
| 24.2 | 10.67 | 0.619 | 17.264 | 0.713 | 18.101 | 82.68 |
| 24.1 | 10.63 | 0.619 | 17.217 | 0.712 | 18.096 | 82.48 |
| 24.0 | 10.58 | 0.617 | 17.195 | 0.711 | 18.032 | 82.55 |
| 23.9 | 10.54 | 0.616 | 17.131 | 0.710 | 17.996 | 82.48 |
| 23.8 | 10.49 | 0.615 | 17.110 | 0.709 | 17.920 | 82.60 |
| 23.7 | 10.45 | 0.614 | 17.085 | 0.708 | 17.914 | 82.40 |
| 23.6 | 10.41 | 0.612 | 17.053 | 0.707 | 17.885 | 82.30 |
| 23.5 | 10.36 | 0.610 | 17.032 | 0.706 | 17.867 | 82.15 |
| 23.4 | 10.32 | 0.609 | 16.994 | 0.705 | 17.832 | 82.08 |
| 23.3 | 10.27 | 0.608 | 16.928 | 0.704 | 17.795 | 82.01 |

Back Electrical Performance Parameters

| Eff(%) | Pmpp(W) | Vmpp(V) | Imp(A) | Uoc(V) | Isc(A) |
|-------------|---------|---------|--------|--------|--------|
| >20.5% | 8.95 | 0.617 | 14.508 | 0.703 | 15.240 |
| 20.3%-20.5% | 8.91 | 0.616 | 14.460 | 0.702 | 15.196 |
| 20.1%-20.3% | 8.86 | 0.615 | 14.412 | 0.701 | 15.153 |
| <20.1% | 8.82 | 0.614 | 14.364 | 0.700 | 15.125 |