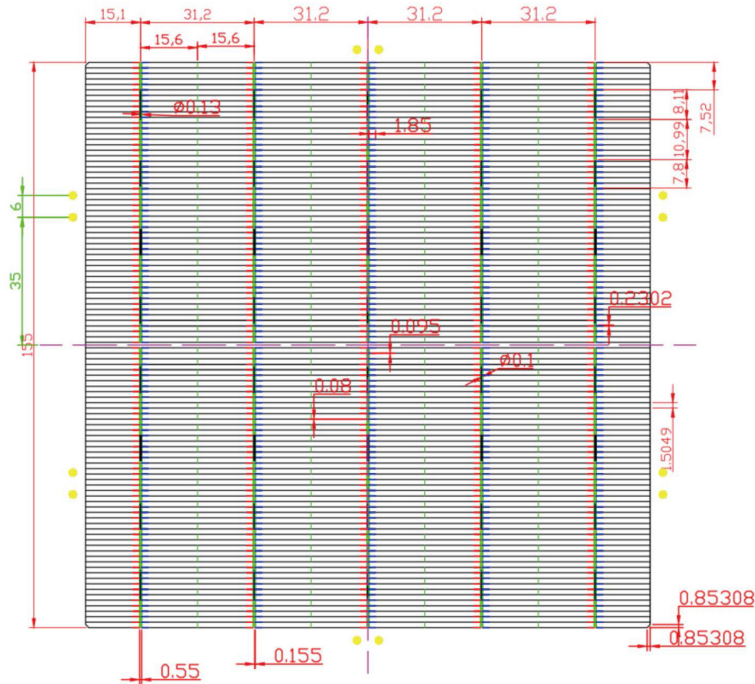


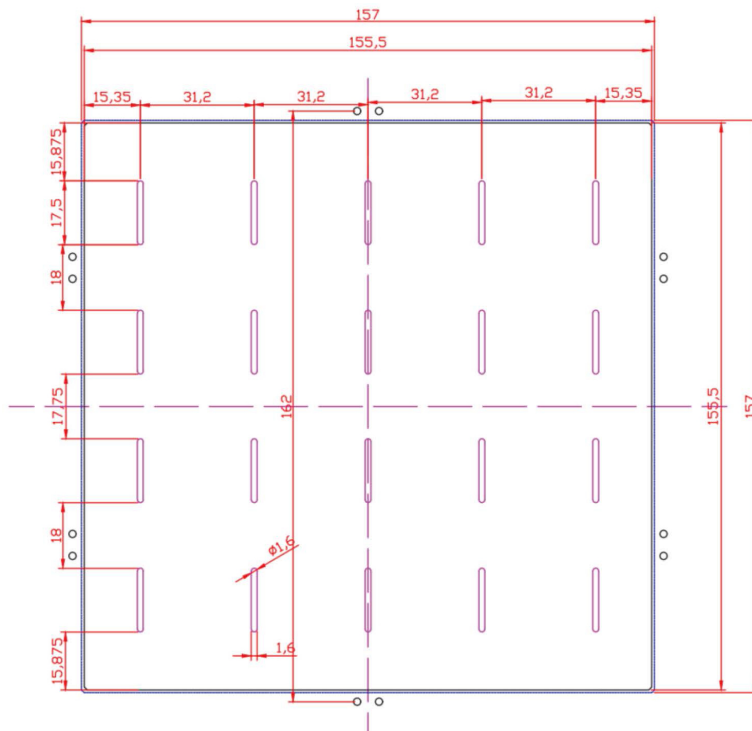


Technical Specification

• 技术图形 Technical drawing



Front



Back



• 电气特性 Electrical Characteristics

| Grade | Eff(%) | Pmpp(W) | Vmpp(V) | Impp(A) | Voc(V) | Isc(A) | FF(%) |
|-------|-----------|---------|---------|---------|--------|--------|--------|
| 1 | 19.2 | 4.729 | 0.541 | 8.741 | 0.640 | 9.242 | 79.95% |
| 2 | 19.1 | 4.699 | 0.540 | 8.701 | 0.639 | 9.201 | 79.93% |
| 3 | 19.0 | 4.676 | 0.539 | 8.676 | 0.638 | 9.170 | 79.92% |
| 4 | 18.9 | 4.652 | 0.538 | 8.638 | 0.637 | 9.144 | 79.87% |
| 5 | 18.8 | 4.630 | 0.537 | 8.616 | 0.636 | 9.125 | 79.78% |
| 6 | 18.7 | 4.606 | 0.536 | 8.587 | 0.635 | 9.097 | 79.74% |
| 7 | 18.6 | 4.582 | 0.535 | 8.565 | 0.634 | 9.076 | 79.63% |
| 8 | 18.5 | 4.559 | 0.534 | 8.542 | 0.633 | 9.054 | 79.62% |
| 9 | 18.4 | 4.534 | 0.532 | 8.517 | 0.631 | 9.025 | 79.57% |
| 10 | 18.2-18.4 | 4.497 | 0.530 | 8.481 | 0.629 | 8.987 | 79.55% |
| 11 | 18.0-18.2 | 4.450 | 0.528 | 8.434 | 0.626 | 8.937 | 79.54% |

标准测试条件下(Under standard test condition) :1000W/m², AM1.5, 25°C

温度系数 Temperature coefficients

开路电压温度系数 Temperature coefficients of open circuit voltage: -0.36%/K

短路电流温度系数 Temperature coefficients of short circuit current: +0.07%/K

最大功率温度系数 Temperature coefficients of maximum power: -0.38%/K

• 机械特征 Mechanical characteristics

尺寸规格 **Dimension:** 157mmx157mm±0.25mm; 电池厚度 **Cell Thickness:** 200±20μm

正面（一） **Front side:** 二氧化硅+深蓝色氮化硅复合减反膜（PID Free）；主栅宽度：0.55±0.05mm；104根副栅线，正电极为半片设计。

Silicon oxide+blue silicon nitride compound anti-reflection coating(PID Free);The width of the busbar is 0.55±0.05mm;the number of the finger is 104;The front side of solar cell is designed as a half sheet.

背面（+） **Back side:** 背电极宽度为 1.5±0.1mm，5根主栅线

The width and length of the Ag electrode is 1.5±0.1mm , the number of the aluminum busbar is 5;

可焊性（**Solderability**）：最小剥离强度（Peel strength）≥1.5N/mm

结果可能会因焊条、焊接方法及条件而不同。Results may vary depending on the conditions.