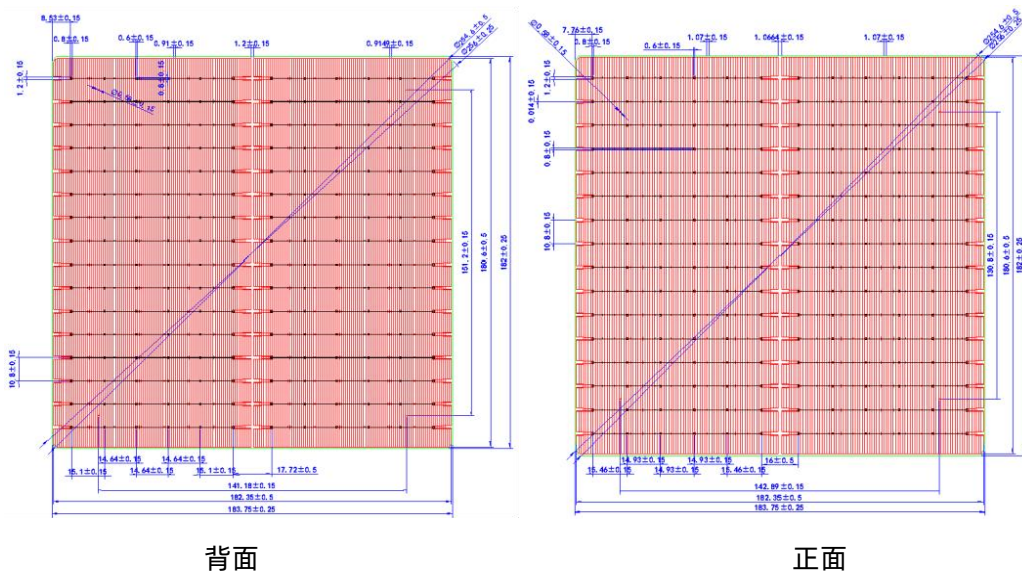


苏州爵诚电子科技有限公司

光伏单晶M182.2*183.75 TOPCon太阳能电池

产品外观



技术数据和设计

| | | |
|-------|------------------------------------------------------------|----------------------|
| 尺寸 | 182.2mm*183.75mm±0.25 mm,256mm±0.2 5mm | Tk 电压: -0.21%/K |
| 厚度 | 130±10 μm | Tk 电流: +0.051%/K |
| 正面(+) | 16*0.03±0.02mm母线 (银色) , 160±30指 栅, 蓝色 (深蓝色) 抗反射涂层 (氮化硅) | Tk 电源: -0.30%/K |
| 反面(-) | 16*0.03±0.02mm母线 (银色) , 160±30指 栅, 蓝色 (深蓝色) 抗反射涂层 (氮化硅) | Rsh≥50Ω , Irev2≤1.5A |

| 光强度依赖性 | | | IV | |
|-----------------------------------|-------|-------|------------------------------------------------------------------------|--|
| 强度(W/m ²) | Voc | Isc | | |
| 1000 | 1.000 | 1.000 | | |
| 900 | 0.998 | 0.901 | | |
| 800 | 0.995 | 0.802 | | |
| 600 | 0.992 | 0.603 | | |
| 400 | 0.977 | 0.401 | | |
| 降低强度下的Voc (Isc) 与1000W/m时的Voc的比值。 | | | 可焊性 最小剥离强度 $\geq 1\text{N/mm}$ 降低强度下的Voc (Isc) 与1000W/m时的Voc的比值。 | |

| 电气参数 (前) / 标准测试条件: 1000W/m ² , AM1.5, 25°C | | | | | | | |
|-------------------------------------------------------|------|-------|-------|--------|-------|--------|-------|
| 产品型号 | Eff | Pmpp | Impp | Umpp | Uoc | Isc | FF |
| | % | W | V | A | V | A | % |
| JCMReMN/A1 | 26.4 | 8.836 | 0.635 | 13.916 | 0.741 | 13.894 | 85.83 |
| JCMReMN/A2 | 26.3 | 8.803 | 0.634 | 13.885 | 0.739 | 13.893 | 85.74 |
| JCMReMN/A3 | 26.2 | 8.769 | 0.633 | 13.854 | 0.738 | 13.896 | 85.51 |
| JCMReMN/A4 | 26.1 | 8.736 | 0.631 | 13.845 | 0.737 | 13.883 | 85.38 |
| JCMReMN/A5 | 26.0 | 8.702 | 0.63 | 13.813 | 0.736 | 13.888 | 85.14 |
| JCMReMN/A6 | 25.9 | 8.669 | 0.629 | 13.782 | 0.735 | 13.884 | 84.95 |
| JCMReMN/A7 | 25.8 | 8.636 | 0.628 | 13.751 | 0.733 | 13.881 | 84.87 |
| JCMReMN/A8 | 25.7 | 8.602 | 0.627 | 13.719 | 0.732 | 13.879 | 84.67 |
| JCMReMN/A9 | 25.6 | 8.569 | 0.625 | 13.710 | 0.731 | 13.878 | 84.46 |
| JCMReMN/A10 | 25.5 | 8.535 | 0.624 | 13.678 | 0.73 | 13.874 | 84.27 |
| JCMReMN/A11 | 25.4 | 8.502 | 0.623 | 13.646 | 0.729 | 13.873 | 84.06 |
| JCMReMN/A12 | 25.3 | 8.468 | 0.622 | 13.614 | 0.728 | 13.869 | 83.87 |
| JCMReMN/A13 | 25.2 | 8.435 | 0.621 | 13.582 | 0.726 | 13.867 | 83.78 |
| JCMReMN/A14 | 25.1 | 8.401 | 0.619 | 13.572 | 0.725 | 13.864 | 83.58 |
| JCMReMN/A15 | 25.0 | 8.368 | 0.618 | 13.540 | 0.724 | 13.861 | 83.38 |
| JCMReMN/A16 | 24.9 | 8.334 | 0.617 | 13.508 | 0.723 | 13.858 | 83.18 |
| JCMReMN/A17 | 24.8 | 8.301 | 0.616 | 13.475 | 0.722 | 13.855 | 82.98 |
| JCMReMN/A18 | 24.7 | 8.267 | 0.614 | 13.465 | 0.721 | 13.852 | 82.78 |
| JCMReMN/A19 | 24.6 | 8.234 | 0.613 | 13.432 | 0.72 | 13.848 | 82.58 |
| JCMReMN/A20 | 24.5 | 8.200 | 0.612 | 13.399 | 0.719 | 13.846 | 82.37 |
| JCMReMN/A21 | 24.4 | 8.167 | 0.610 | 13.388 | 0.718 | 13.843 | 82.17 |