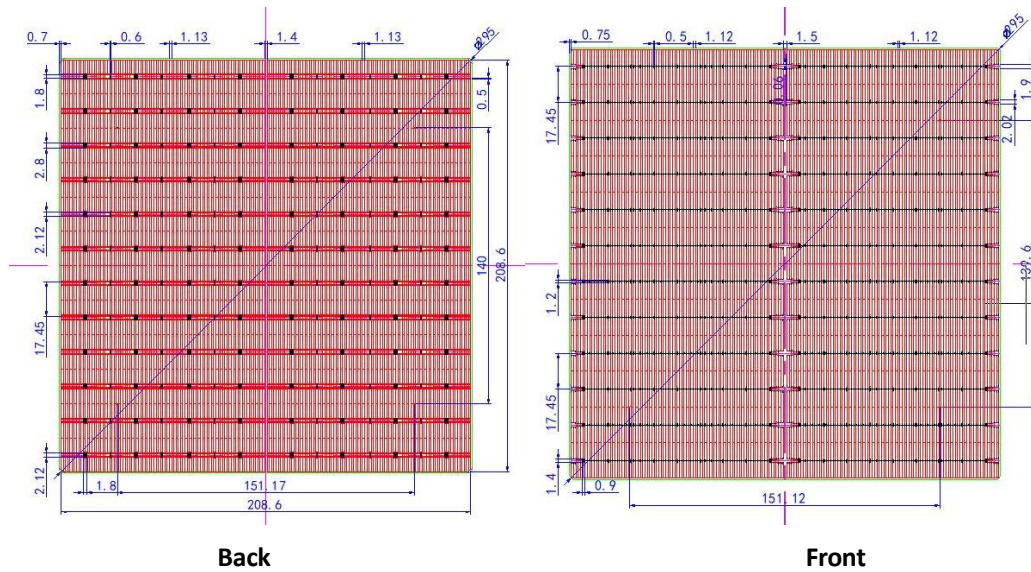




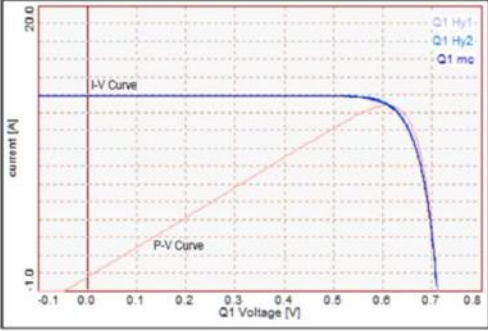
Suzhou Enjoysun Technology Co.,Ltd

Suzhou Enjoysun PV Mono-crystalline M210 SE PERC Solar Cell

Product Appearance



| Technical data and Design | | |
|---------------------------|--|----------------------|
| Dimension | 210mm±0.25mm, 295mm±0.25mm | Tk Voltage: -0.32%/K |
| Thickness | 160±20μm | Tk Current: +0.36%/K |
| Front(+) | Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free) ; Halfcut design; | Tk Power: -0.44%/K |
| Back(-) | Passivated layer (AlOx and SiNx) and Rear Contact (Al). | Rsh≥50Ω, Irev2≤1.5A |

| Light Intensity Dependence | | | IV | |
|--|-------|-------|--|--|
| Intensity(W/m ²) | Voc | Isc |  | |
| 1000 | 1.000 | 1.000 | | |
| 900 | 0.995 | 0.903 | | |
| 800 | 0.986 | 0.802 | | |
| 600 | 0.981 | 0.602 | | |
| 400 | 0.974 | 0.401 | | |
| Ratio of Voc (Isc) at reduced intensity to Voc (Isc) at 1000W/m. | | | | |

| Electrical Parameter(Front)/ Standard Testing Conditions: 1000W/m ² , AM1.5, 25°C | | | | | | | |
|--|------|--------|-------|--------|--------|--------|-------|
| Product | Eff | Pmpp | Ump | Imp | Uoc | Isc | FF |
| | % | W | V | A | V | A | % |
| JCM12MP2/A1 | 23.5 | 10.364 | 0.600 | 17.273 | 0.6983 | 18.052 | 82.22 |
| JCM12MP2/A2 | 23.4 | 10.322 | 0.599 | 17.232 | 0.6966 | 18.033 | 82.17 |
| JCM12MP2/A3 | 23.3 | 10.280 | 0.597 | 17.219 | 0.6945 | 18.015 | 82.16 |
| JCM12MP2/A4 | 23.2 | 10.239 | 0.595 | 17.208 | 0.6937 | 17.997 | 82.01 |
| JCM12MP2/A5 | 23.1 | 10.194 | 0.593 | 17.191 | 0.6926 | 17.986 | 81.83 |
| JCM12MP2/A6 | 23.0 | 10.153 | 0.591 | 17.179 | 0.6920 | 17.973 | 81.63 |
| JCM12MP2/A7 | 22.9 | 10.106 | 0.590 | 17.129 | 0.6914 | 17.955 | 81.41 |
| JCM12MP2/A8 | 22.8 | 10.063 | 0.589 | 17.085 | 0.6908 | 17.939 | 81.20 |
| JCM12MP2/A9 | 22.7 | 10.016 | 0.587 | 17.063 | 0.6891 | 17.917 | 81.12 |
| JCM12MP2/A10 | 22.6 | 9.970 | 0.585 | 17.043 | 0.6876 | 17.891 | 81.04 |
| JCM12MP2/A11 | 22.5 | 9.935 | 0.584 | 17.012 | 0.6859 | 17.879 | 81.01 |
| JCM12MP2/A12 | 22.4 | 9.884 | 0.582 | 16.983 | 0.6854 | 17.858 | 80.75 |
| JCM12MP2/A13 | 22.3 | 9.842 | 0.582 | 16.911 | 0.6843 | 17.821 | 80.71 |
| JCM12MP2/A14 | 22.2 | 9.803 | 0.580 | 16.902 | 0.6826 | 17.804 | 80.66 |
| JCM12MP2/A15 | 22.1 | 9.755 | 0.578 | 16.877 | 0.6811 | 17.793 | 80.49 |
| JCM12MP2/A16 | 22.0 | 9.712 | 0.577 | 16.832 | 0.6793 | 17.776 | 80.43 |