

Mono-crystalline Cell

Imported cleaning equipment is used to keeping the appearance of the solar cell tidy and clean

And the advanced proliferation technology is adopted to ensure the conversion efficiency uniformity throughout cell

Advanced PECVD film forming technology is used to coat the cells with dark blue silicon nitride antireflection coatings with uniform color appearance

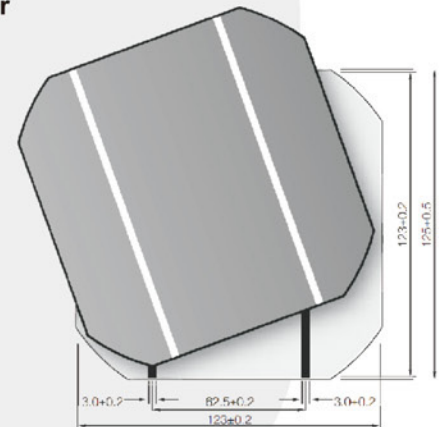
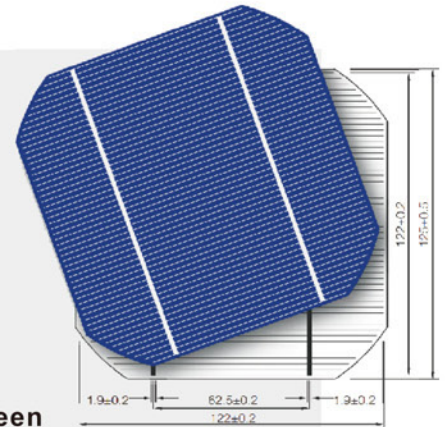
Using advanced "Softline" printing line and high precision silk screen printing equipment to achieve high smoothness of the solar cell and make the automatic welding and laser cutting of the solar cell easier

High quality metal paste is applied to making back surface field and the electrode to ensure top conductivity, good adhesion, superior weldability, nice appearance, and reliable performance

To ensure the efficiency, stability and durability of the crystal silicon

The features of the solar cell:

- homogeneous acid or caustic soda
- enhanced Blu-ray spectral response;
- silicon nitride antireflection coating
- the highest standards of the positive silver electrode;
- silver aluminum negative electrode;
- aluminum back surface field



Efficiency (%)	Pmpp (VV)	Ump (V)	Imp (A)	Voc (V)	Isc (A)	FF (%)
17.75-18.00	2.66	0.524	5.067	0.631	5.380	78.36
17.50-17.75	2.62	0.522	5.015	0.630	5.320	78.17
17.25-17.50	2.58	0.519	4.965	0.628	5.265	78.03
17.00-17.25	2.54	0.517	4.920	0.625	5.215	77.93
16.75-17.00	2.50	0.516	4.850	0.623	5.176	77.53
16.50-16.75	2.47	0.515	4.790	0.621	5.133	77.49
16.25-16.50	2.43	0.513	4.744	0.619	5.079	77.29
16.00-16.25	2.40	0.510	4.704	0.616	5.055	77.07
15.75-16.00	2.36	0.508	4.651	0.614	5.027	76.46
15.50-15.75	2.32	0.504	2.32	0.612	5.019	75.53