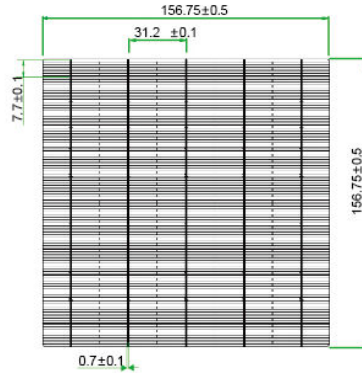
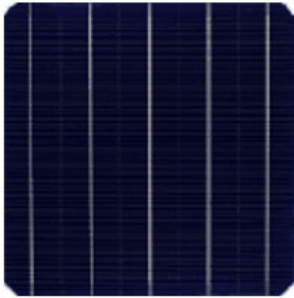


Polycrystalline black silicon solar cells



Product Specification

Size : 156.75 × 156.75 ± 0.5 mm
 Thickness: 200 μm ± 20 μm
 Front side(-): Positive silver electrode width 0.77mm
 Double blue silicon nitride antireflection film
 back side(+): Back electrode width, Uniform aluminum backfield.

Product Feature

- Special front fine screen design (110 wire)
- Special positive electrode design, effectively strengthen the cell's pulling stability. Lifting the module's automatic welding quality
- Fine grading method, effectively reduce package loss of module.
- More uniform color of cell and more beautiful appearance of module.
- Excellent anti PID function, Reducing power attenuation caused by harsh conditions.

Product's electrical property

Class	Efficiency (%)	Pmpp (W)	Umpv (V)	Impv (A)	Uoc (V)	Isc (A)	FF (%)
19.4%	19.4-19.5	4.77	0.543	8.785	0.640	9.275	80.4
19.3%	19.3-19.4	4.75	0.542	8.764	0.638	9.259	80.4
19.2%	19.2-19.3	4.73	0.541	8.745	0.637	9.243	80.3
19.1%	19.1-19.2	4.70	0.539	8.724	0.636	9.223	80.2
19.0%	19.0-19.1	4.68	0.538	8.703	0.634	9.202	80.2
18.9%	18.9-19.0	4.66	0.536	8.681	0.633	9.180	80.2
18.8%	18.8-18.9	4.63	0.535	8.657	0.631	9.155	80.1
18.7%	18.7-18.8	4.61	0.534	8.633	0.630	9.131	80.1
18.6%	18.6-18.7	4.58	0.532	8.609	0.629	9.107	80.1

Standard testing conditions

Light intensity **1000W/m²**
 Spectrum **AM1.5G**
 Temperature **25°C**

Temperature coefficient

Voltage **-0.31%/K**
 Current **+0.05%/K**
 Power **-0.41%/K**

