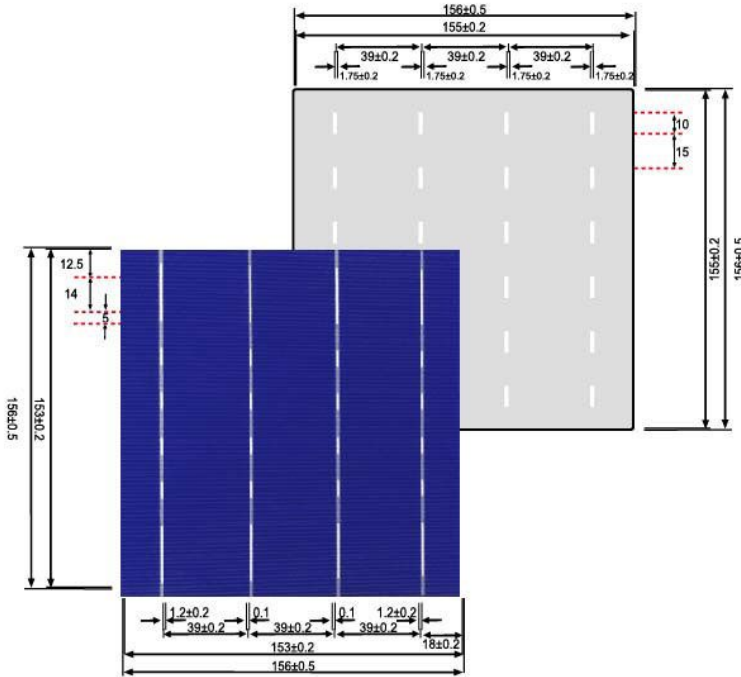




## 156mm Multicrystalline Silicon solar cell(4BB)



### Temperature Coefficients

Voc.Temp.coef.%/K	-0.333%/K
Isc.Temp.coef.%/K	+0.049%/K
Pm.Temp.coef.%/K	-0.42%/K

### Intensity Dependence

Intensity[W/m <sup>2</sup> ]	Isc*[mA]	Voc*[mV]
1000	1.00	1.000
900	0.90	0.989
500	0.50	0.963
300	0.30	0.939
200	0.20	0.920

Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000W/m<sup>2</sup>

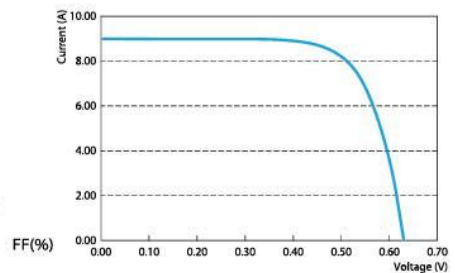
### Mechanical Data And Design

Format	156mm×156mm±0.5mm
Thickness(Wafer)	180μm±20μm and 200μm±20μm
Front(-)	1.2mm bus bars (silver), blue anti-reflection coating(silicon nitride)
Back(+)	1.75mm wide segment soldering pads(silver), back surface field (aluminium)

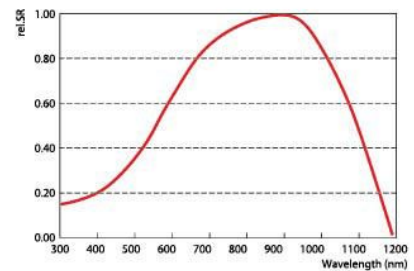
### Electrical Parameters

Efficiency(%)	Pmpp(W)	Ump(V)	Imp(A)	Uoc(V)	Isc(A)
17.4	4.234	0.517	8.231	0.622	8.759
17.5	4.259	0.519	8.243	0.623	8.769
17.6	4.283	0.521	8.256	0.625	8.779
17.7	4.307	0.523	8.268	0.626	8.788
17.8	4.332	0.525	8.281	0.627	8.798
17.9	4.356	0.527	8.293	0.629	8.808
18.0	4.380	0.529	8.306	0.630	8.818
18.1	4.405	0.531	8.318	0.632	8.827
18.2	4.429	0.533	8.331	0.633	8.837
18.3	4.453	0.535	8.344	0.634	8.847
18.4	4.478	0.537	8.356	0.636	8.856
18.5	4.502	0.539	8.369	0.637	8.866

### Iv Curve



### Spectral Response



Calibrated under AM 1.5 global SRC in Fraunhofer ISE.

\*Data under standard testing conditions (STC): 1,000W/m<sup>2</sup>, AM1.5, 25°C, Pmax: Positive power tolerance.