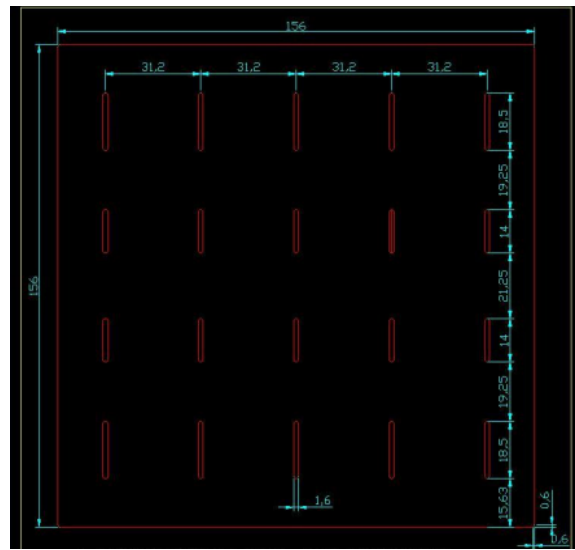
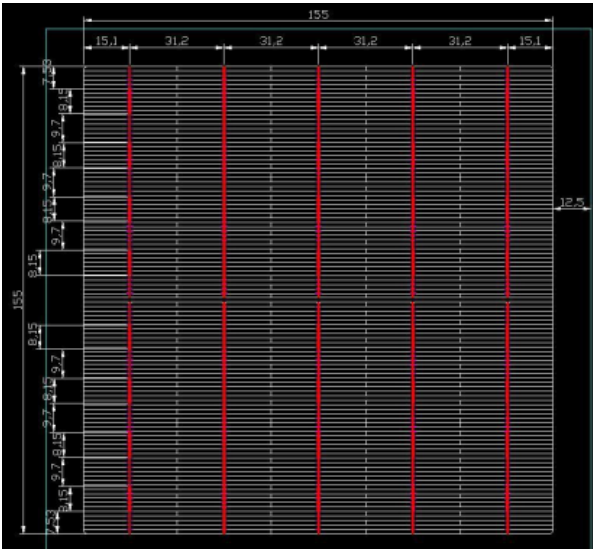


AE157P-5BB POLY SOLAR CELL



Technical parameters

Measurement	157mm x 157mm±0.25mm
Thickness	190µm±20µm
Front(-)	0.7mm wide bus bars,Siliconoxide+ blue silicon nitride compound anti-reflection coating(PIDFree).
Back(+)	Back surface field (aluminum),four 1.6mm Silicon nitride anti-reflection coating.

Electrical Parameters

Eff(%)	Pm(Wp)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
19.20	4.72	0.548	8.6581	0.692	9.123	81.16
19.10	4.69	0.545	8.6092	0.691	9.110	81.12
19.00	4.67	0.544	8.5813	0.690	9.079	81.09
18.90	4.64	0.543	8.4381	0.689	9.052	81.06
18.80	4.62	0.542	8.4431	0.688	9.023	81.02
18.70	4.59	0.540	8.4172	0.687	8.998	81.00
18.60	4.57	0.539	8.3858	0.686	8.968	80.85
18.50	4.55	0.538	8.3707	0.684	8.942	80.83
18.40	4.52	0.536	8.3437	0.683	8.919	80.81

*STC (Standard Testing Conditions): 1000W/m², AM1.5, 25°C.

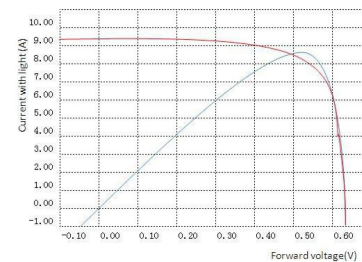
Temperature coefficient

TkVoltage: -0.327 %/K

TkCurrent: +0.055%/K

TkPower: -0.42%/K

IV curve



Intensity Dependence

Intensity(W/m ²)	Voc(mV)	Isc(mA)
1000	1.000	1.00
900	0.989	0.90
500	0.963	0.50
300	0.939	0.30
200	0.920	0.20

*Voc(Isc) is 1000 W/m²,Voc(Isc) Output ratio.