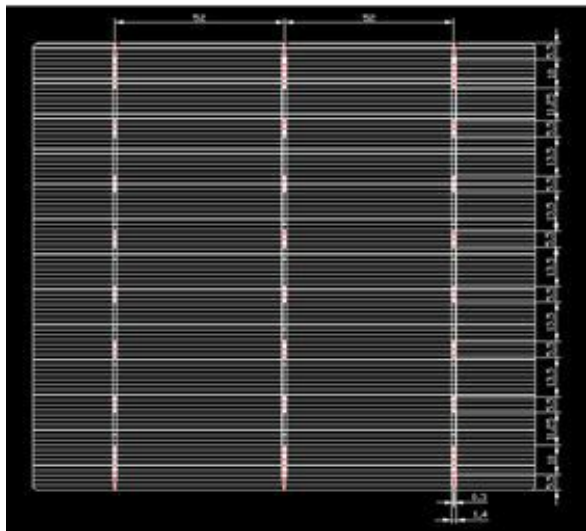


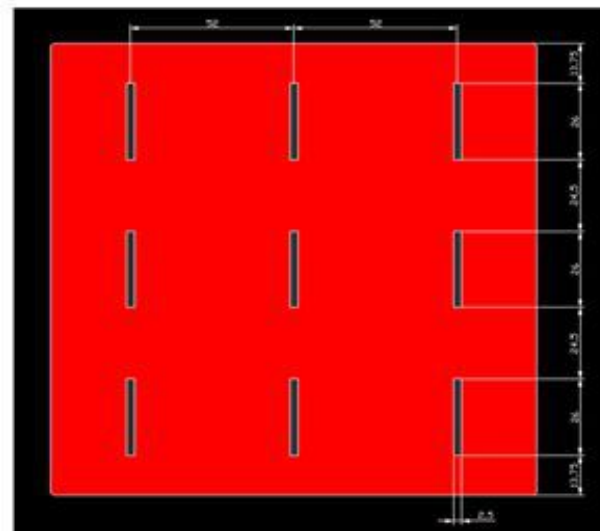
Dimension

Size	156mm*156mm±0.5mm
Thickness	190μm+20μm
Front(-)	1.4mm Silver Busbar.Blue Silicon Nitride Anti-reflection Coating
Back(+)	2.5mm Silver Aluminum Busbar.Full-surface Aluminum BSF

Front



Back



Performance Parameter: (Standard Testing Condition:AM1.2,1000w/m²,25°C)

Eff (%)	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.2
Pmpp (W)	4.359	4.334	4.308	4.283	4.259	4.234	4.210	4.186
Uoc(V)	0.630	0.629	0.629	0.628	0.627	0.626	0.626	0.624
Isc(A)	8.760	8.747	8.709	8.680	8.656	8.648	8.626	8.573
Umpp(V)	0.530	0.529	0.527	0.524	0.524	0.524	0.523	0.520
Impp(A)	8.233	8.194	8.168	8.173	8.133	8.088	8.053	8.052
FF(%)	78.973	78.785	78.639	78.567	78.441	78.240	77.970	78.290
Eff (%)	17.1	17	16.9	16.8	16.6	16.4	16.2	16
Pmpp (W)	4.161	4.137	4.113	4.088	4.041	3.991	3.944	3.894
Uoc(V)	0.619	0.619	0.620	0.618	0.620	0.615	0.614	0.611
Isc(A)	8.608	8.571	8.545	8.535	8.419	8.385	8.327	8.227
Umpp(V)	0.515	0.517	0.515	0.513	0.514	0.508	0.506	0.508
Impp(A)	8.083	8.006	7.978	7.970	7.861	7.850	7.795	7.673
FF(%)	78.075	77.928	77.611	77.495	77.419	77.434	77.145	77.469

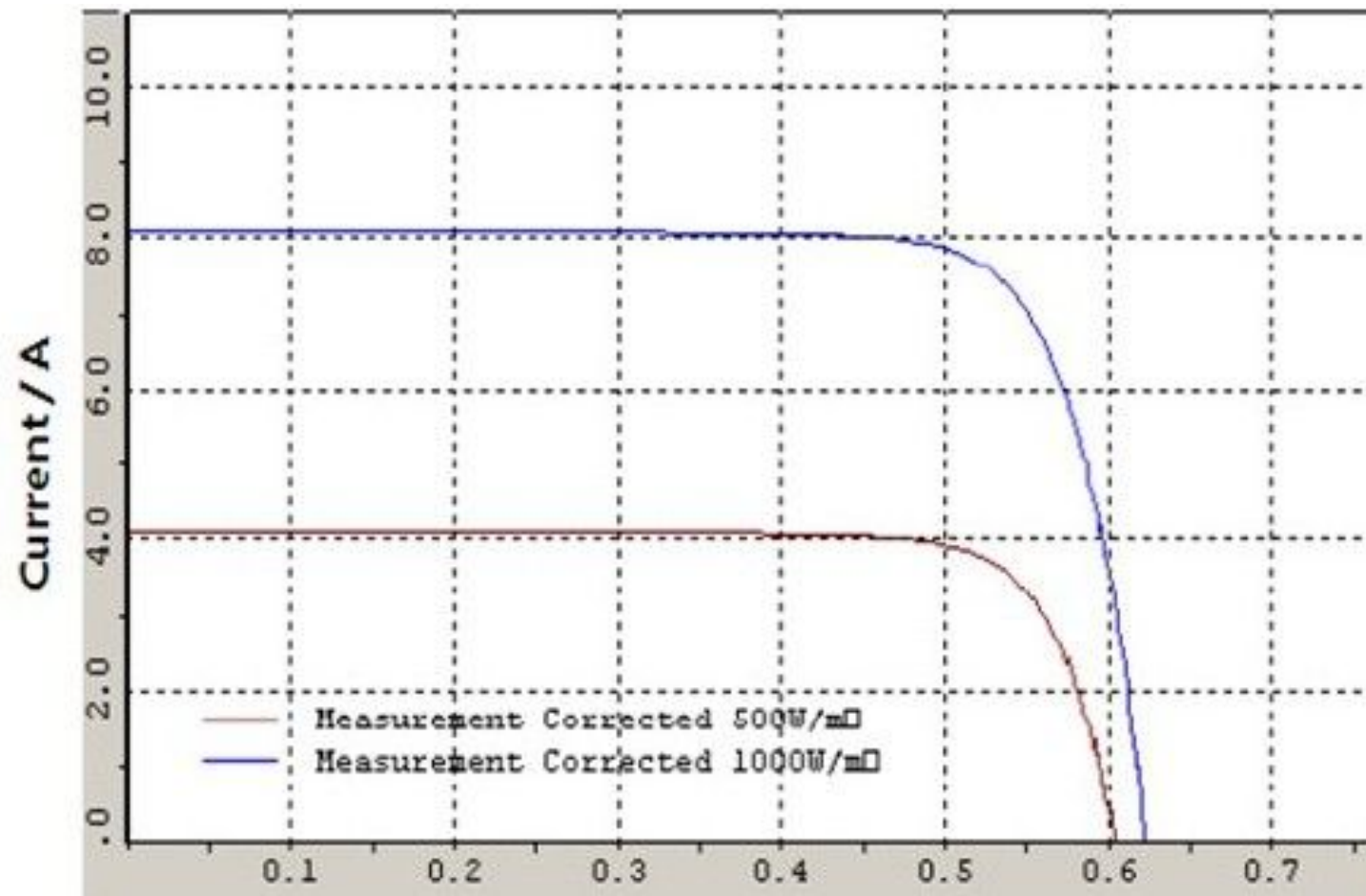
Temperature Coefficients:

Current (ISC)	0.03%/°C
Voltage (VOC)	-0.35%/ °C
Power T (Pmax)	-0.41%/ °C

Dependent Features:

<i>w/m²</i>	<i>Voc/mV</i>	<i>Isc/mA</i>
<i>1000</i>	<i>1000</i>	<i>1000</i>
<i>800</i>	<i>0.996</i>	<i>0.799</i>
<i>500</i>	<i>0.964</i>	<i>0.541</i>
<i>300</i>	<i>0.941</i>	<i>0.293</i>
<i>200</i>	<i>0.921</i>	<i>0.191</i>

I-V Characteristic:



Spectral Response Curve :

