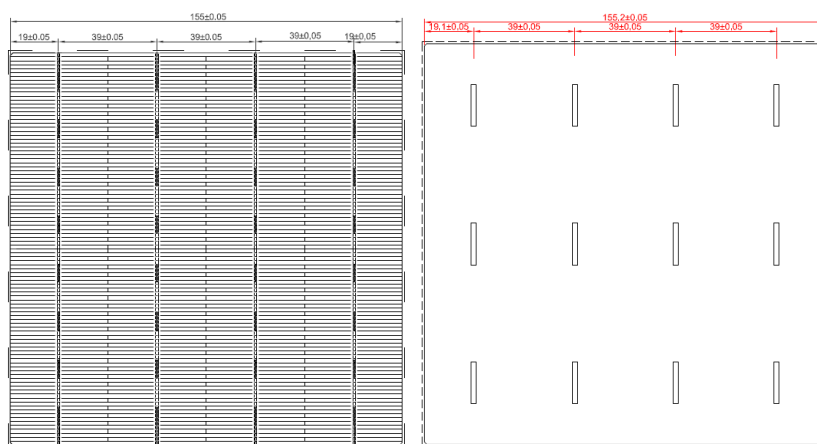


## Multi-Si Solar Cell (JCMC-156.75-4BB)

Physical Characteristics	
Dimension	156.75mm×156.75mm±0.3mm
Thickness	200μm±20μm
Front Side	1.0mm bus bars(silver), blue anti-reflecting coating(silicon nitride), ozonation
Back Side	2.0mmwide soldering pads(silver), back surface field(aluminum)

Temperature Coefficients	
Voltage	-0.30%/°C
Current	0.03%/°C
Power	-0.40%/°C

### Cell Layout



### Electrical Characteristics

序号	效率(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
1	18.9	4.60	0.5429	8.503	0.6395	8.968	80.48
2	18.8	4.57	0.5412	8.489	0.6383	8.957	80.36
3	18.7	4.55	0.5400	8.468	0.6373	8.936	80.29
4	18.6	4.53	0.5384	8.450	0.6362	8.917	80.20
5	18.5	4.50	0.5369	8.431	0.6351	8.895	80.12
6	18.4	4.48	0.5349	8.409	0.6337	8.870	80.01
7	18.3	4.45	0.5328	8.384	0.6322	8.846	79.88
8	18.2	4.43	0.5312	8.363	0.6311	8.829	79.73
9	18.1	4.40	0.5294	8.337	0.6297	8.808	79.58
10	18.0	4.38	0.5277	8.296	0.6280	8.781	79.39

Standard test conditions: AM1.5,1000W/m<sup>2</sup>,25°C. Average accuracy of all tested figures is ±5% rel.

IV Curve	Spectral Response	Light Intensity Dependence																		
		<table border="1"> <thead> <tr> <th>Intensity[W/m<sup>2</sup>]</th> <th>Impp</th> <th>Vmpp</th> </tr> </thead> <tbody> <tr><td>1000</td><td>1.000</td><td>1.000</td></tr> <tr><td>900</td><td>0.900</td><td>0.995</td></tr> <tr><td>500</td><td>0.500</td><td>0.969</td></tr> <tr><td>300</td><td>0.299</td><td>0.947</td></tr> <tr><td>200</td><td>0.200</td><td>0.928</td></tr> </tbody> </table>	Intensity[W/m <sup>2</sup> ]	Impp	Vmpp	1000	1.000	1.000	900	0.900	0.995	500	0.500	0.969	300	0.299	0.947	200	0.200	0.928
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