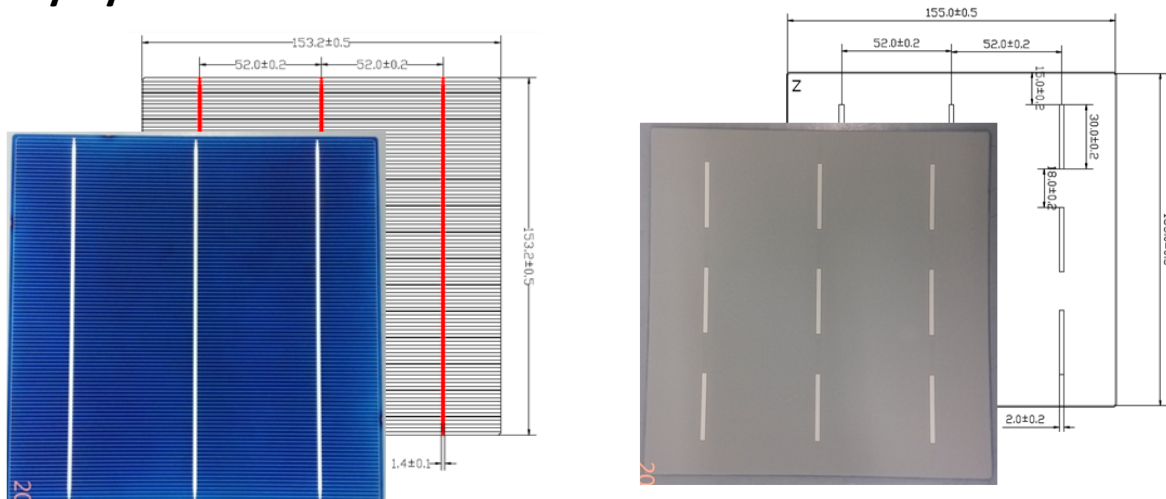


# KL156PB3

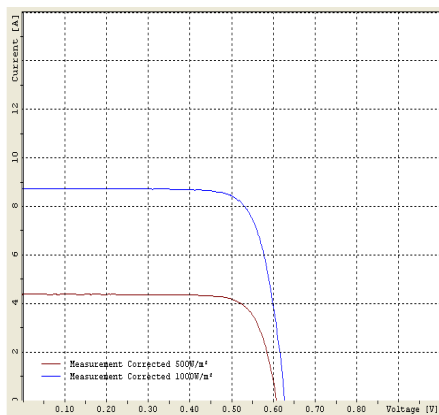
## Polycrystalline Solar Cell



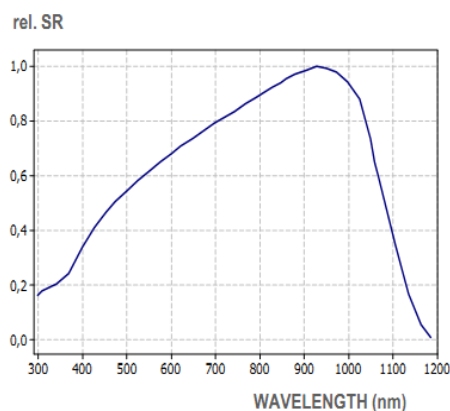
MECHANICAL DATA AND DESIGN		No.	Efficiency(%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc(V)	Isc(A)	FF(%)
Size	156mm×156mm±0.5mm	1	18.30-18.40	4.45	0.535	8.318	0.635	8.840	79.33
Thickness	200μm±20μm	2	18.10-18.20	4.40	0.533	8.255	0.633	8.798	79.08
Front(-)	1.4mm bus bars(silver), blue anti-reflecting coating (silicon nitride)	3	17.90-18.00	4.36	0.531	8.211	0.631	8.756	78.91
		4	17.70-17.80	4.31	0.529	8.146	0.629	8.696	78.80
Back(+)	3 sections 2.1mm wide soldering pads(silver) back surface field(aluminum)	5	17.50-17.60	4.26	0.527	8.073	0.627	8.634	78.69
		6	17.40-17.50	4.23	0.526	8.047	0.626	8.602	78.55
<b>TEMPERATURE COEFFICIENTS</b>		7	17.20-17.30	4.19	0.523	8.018	0.624	8.569	78.36
Tk Voltage	-0.33%/K	8	17.00-17.10	4.14	0.519	7.981	0.621	8.536	78.10
Tk Current	+0.04%/K	9	16.90-17.00	4.11	0.517	7.950	0.619	8.523	77.90
Tk Power	-0.38%/K	10	16.80-17.00	4.09	0.527	7.760	0.627	8.243	79.05

Specifications subjects to technical changes and tests. KL Solar reserves the right of final interpretation.

### IV CURVE



### SPECTRAL RESPONSE



### INTENSITY DEPENDENCE

Intensity [W/m <sup>2</sup> ]	Isc*	Voc*
1000	1.0	1.00
800	0.8	0.99
600	0.6	0.97
200	0.2	0.92

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

**KL SOLAR COMPANY PVT LIMITED**

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