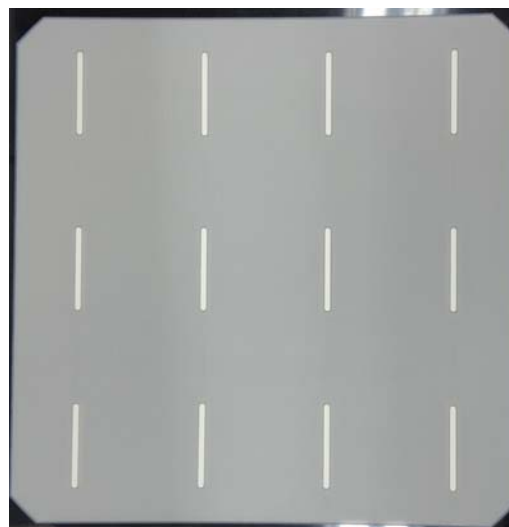


# KL156MB4

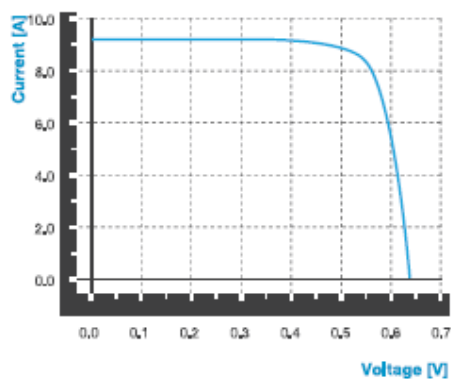
## Monocrystalline Solar Cell – Mono 6”(R210)



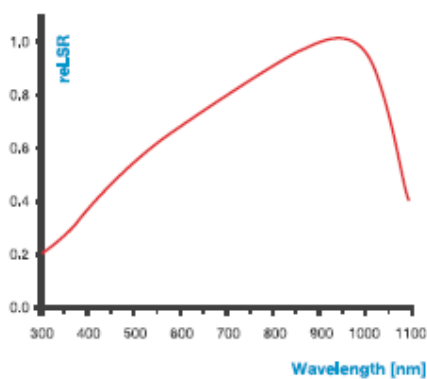
MECHANICAL DATA AND DESIGN		No.	Efficiency(%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc(V)	Isc(A)	FF(%)
Size	156mm×156mm±1mm	1	20.00-20.10	4.89	0.55	8.92	0.64	9.44	80.58
Thickness	200μm±20μm	2	19.90-20.00	4.86	0.55	8.90	0.64	9.42	80.46
Front(-)	8sections 1mm±0.2mm bus bars(silver), blue anti-reflecting coating (silicon nitride)	3	19.80-19.90	4.84	0.55	8.88	0.64	9.39	80.36
		4	19.70-19.80	4.81	0.54	8.85	0.64	9.37	80.22
Back(+)	3 sections 1.6mm±0.4mm wide soldering pads(silver) back surface field(aluminum)	5	19.60-19.70	4.79	0.54	8.83	0.64	9.35	80.08
		6	19.50-19.60	4.76	0.54	8.81	0.64	9.34	79.87
TEMPERATURE COEFFICIENTS		7	19.40-19.50	4.74	0.54	8.77	0.64	8.93	79.79
Tk Voltage	-0.36%/K	8	19.30-19.40	4.72	0.54	8.75	0.64	8.91	79.78
Tk Current	+0.06%/K	9	19.00-19.10	4.64	0.53	8.70	0.63	9.28	78.33
Tk Power	-0.38%/K	10	18.90-19.00	4.62	0.53	8.67	0.63	9.26	78.26

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
500	0.5	0.97
300	0.3	0.95
200	0.2	0.93

\*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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