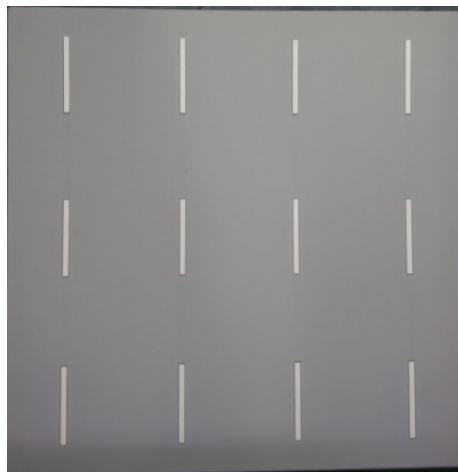
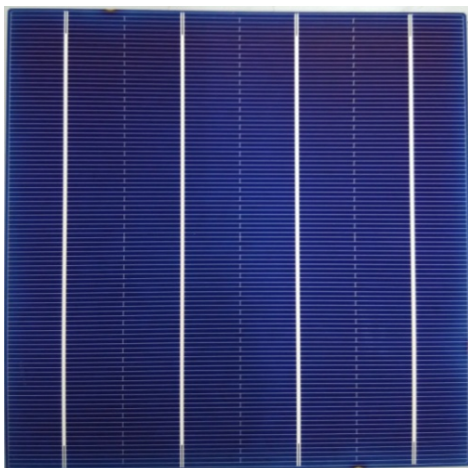


KL156PB4

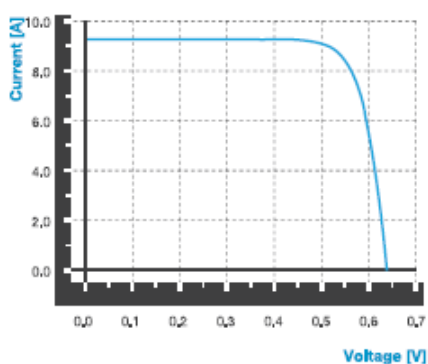
Polycrystalline Solar Cell



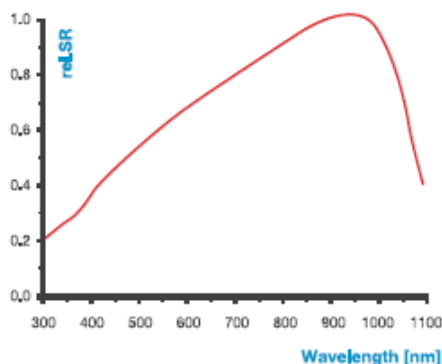
MECHANICAL DATA AND DESIGN		No.	Efficiency(%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc(V)	Isc(A)	FF(%)
Size	156mm×156mm±0.5mm	1	18.70-18.80	4.55	0.534	8.547	0.636	9.062	79.24
Thickness	200μm±20μm	2	18.50-18.60	4.50	0.531	8.502	0.633	9.006	79.15
Front(-)	1.1mm bus bars(silver), blue anti-reflecting coating (silicon nitride)	3	18.30-18.40	4.45	0.528	8.458	0.632	8.977	78.73
		4	18.10-18.20	4.40	0.525	8.408	0.629	8.965	78.35
Back(+)	3 sections 1.6±0.5mm mm wide soldering pads(silver) back surface field(aluminum)	5	17.90-18.00	4.36	0.520	8.395	0.624	8.928	78.43
		6	17.80-17.90	4.33	0.519	8.377	0.623	8.918	78.22
TEMPERATURE COEFFICIENTS		7	17.60-17.80	4.28	0.517	8.324	0.622	8.864	78.12
Tk Voltage	-0.35%/K	8	17.40-17.60	4.23	0.513	8.314	0.622	8.931	76.80
Tk Current	+0.04%/K	9	17.20-17.40	4.19	0.511	8.240	0.616	8.771	78.02
Tk Power	-0.42%/K	10	17.00-17.20	4.16	0.509	8.182	0.610	8.719	78.22

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

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc*	Voc*
1000	1.0	1.00
800	0.8	0.99
500	0.5	0.97
200	0.2	0.91

*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m²

KL SOLAR COMPANY PVT LIMITED

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