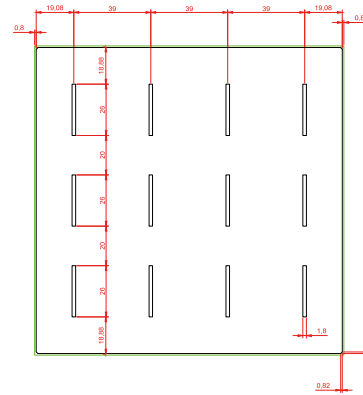
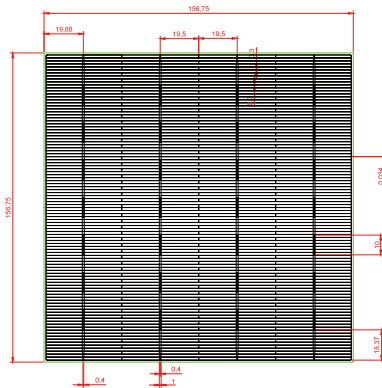


# SRP-C-6P 156.75-156.75-4BB Poly SILICON SOLAR CELLS



## MECHANICAL DATA AND DESIGN

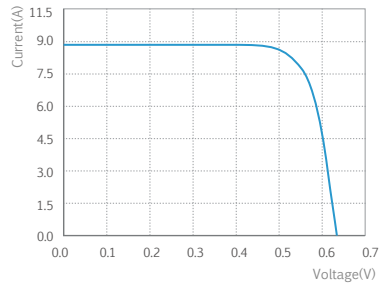
Format	156.75mmx156.75mm
Thickness	200 $\mu$ m $\pm$ 20 $\mu$ m
Front(-)	1.0mm wide , 8 segments busbar(silver),blue anti-reflecting coating(silicon nitride)
Back(+)	1.8mm wide , 3 of 26mm long segments with 20mm interval soldering pads(silver), back surface field(aluminum)

## TEMPERATURE COEFFICIENTS

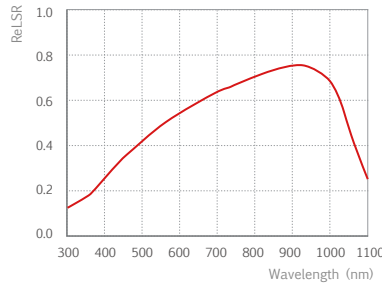
TkVoltage	- 0.32%/K
TkCurrent	+0.05%/K
TkPower	- 0.41%/K

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IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m <sup>2</sup> ]	Isc*	Voc*	Pmpp
1000	1.00	1.00	1.00
900	0.90	0.99	0.90
800	0.80	0.99	0.79
500	0.50	0.97	0.49
300	0.30	0.94	0.29
200	0.20	0.91	0.19

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

Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
18.70%	4.60	0.542	8.50	0.635	9.00	80.6
18.60%	4.58	0.540	8.49	0.634	8.97	80.6
18.50%	4.55	0.538	8.46	0.632	8.96	80.4
18.40%	4.53	0.536	8.45	0.630	8.94	80.4
18.30%	4.50	0.534	8.43	0.628	8.93	80.3
18.20%	4.48	0.533	8.41	0.628	8.89	80.3