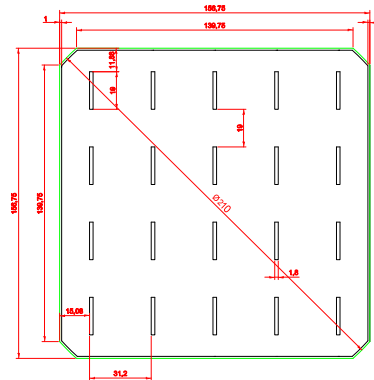
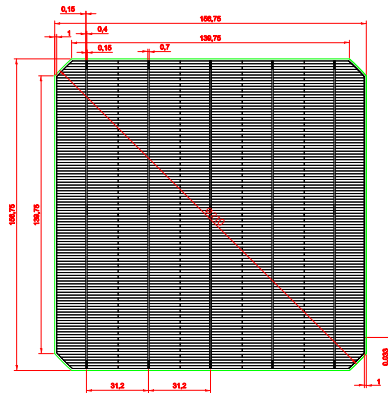


# SRP-C-6M<sub>156.75-156.75-5BB</sub> Mono SILICON SOLAR CELLS



## MECHANICAL DATA AND DESIGN

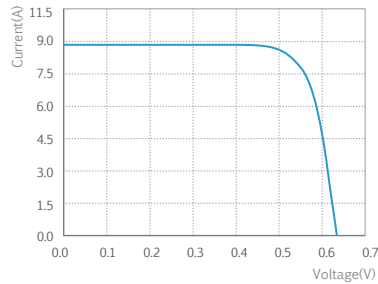
Format	156.75mmx156.75mm
Thickness	210 $\mu$ m $\pm$ 30 $\mu$ m
Front(-)	0.7mm wide busbar(silver),blue anti-reflecting coating(silicon nitride)
Back(+)	1.8mm wide soldering pads(silver),back surface field(aluminum)

## TEMPERATURE COEFFICIENTS

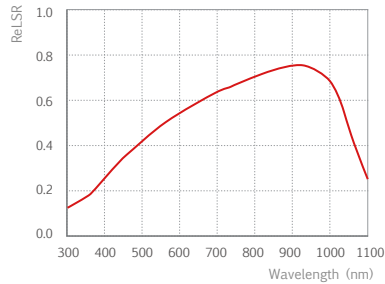
TkVoltage	- 0.28%/K
TkCurrent	+0.05%/K
TkPower	- 0.380%/K

# SRP-C-6M 156.75-156.75-5BB Mono SILICON SOLAR CELLS

## 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(%)
22.10%	5.40	0.585	9.24	0.684	9.77	80.9
22.00%	5.38	0.583	9.23	0.682	9.76	80.9
21.90%	5.35	0.581	9.21	0.680	9.74	80.8
21.80%	5.33	0.579	9.20	0.678	9.73	80.8
21.70%	5.30	0.578	9.17	0.677	9.69	80.8
21.60%	5.28	0.576	9.16	0.675	9.68	80.8
21.50%	5.25	0.575	9.13	0.674	9.65	80.8
21.40%	5.23	0.574	9.11	0.672	9.63	80.8
21.30%	5.20	0.571	9.11	0.669	9.63	80.8