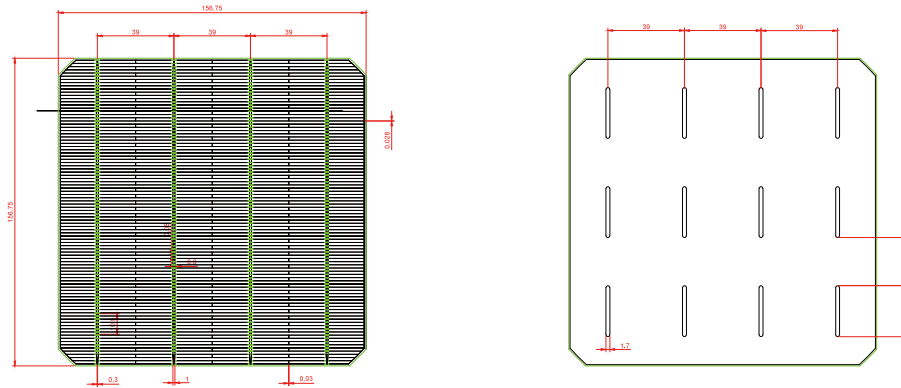


SRP-C-6M

156.75-156.75-4BB Mono SILICON SOLAR CELLS



MECHANICAL DATA AND DESIGN

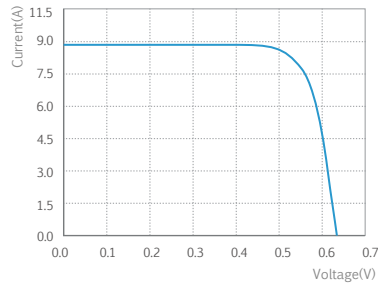
Format	156.75mmx156.75mm
Thickness	200µm±20µm
Front(-)	1.0mm wide , 8 segments busbar(silver),blue anti-reflecting coating(silicon nitride)
Back(+)	1.7mm wide , 3 of 26mm long segments with 24.5mm interval soldering pads(silver), back surface field(aluminum)

TEMPERATURE COEFFICIENTS

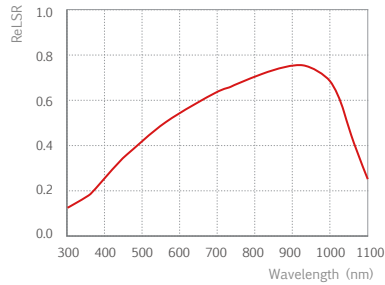
TkVoltage	- 0.32%/K
TkCurrent	+0.05%/K
TkPower	- 0.40%/K

SRP-C-6M 156.75-156.75-4BB Mono SILICON SOLAR CELLS

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	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/m²

Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
20.20%	4.95	0.545	9.08	0.644	9.52	80.7
20.10%	4.92	0.544	9.05	0.643	9.50	80.6
20.00%	4.90	0.543	9.02	0.642	9.47	80.5
19.90%	4.87	0.543	8.97	0.641	9.44	80.5
19.80%	4.85	0.542	8.95	0.640	9.42	80.5
19.70%	4.82	0.542	8.90	0.638	9.39	80.5