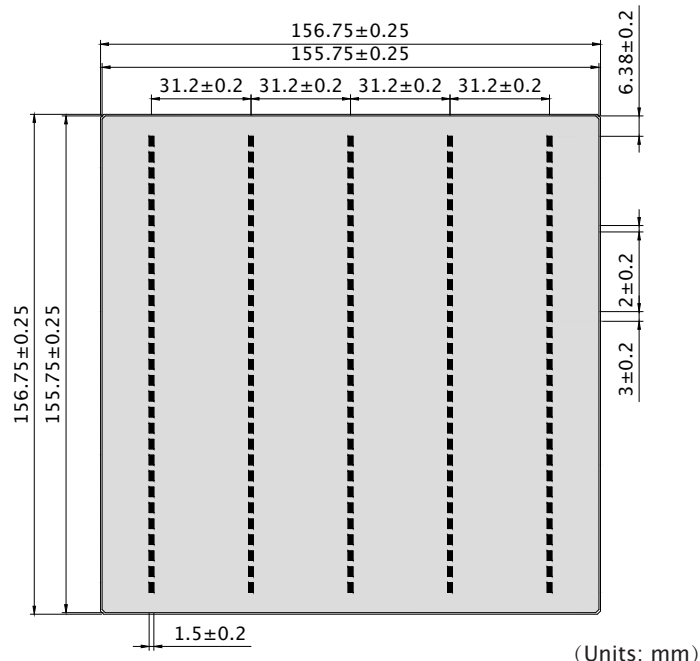
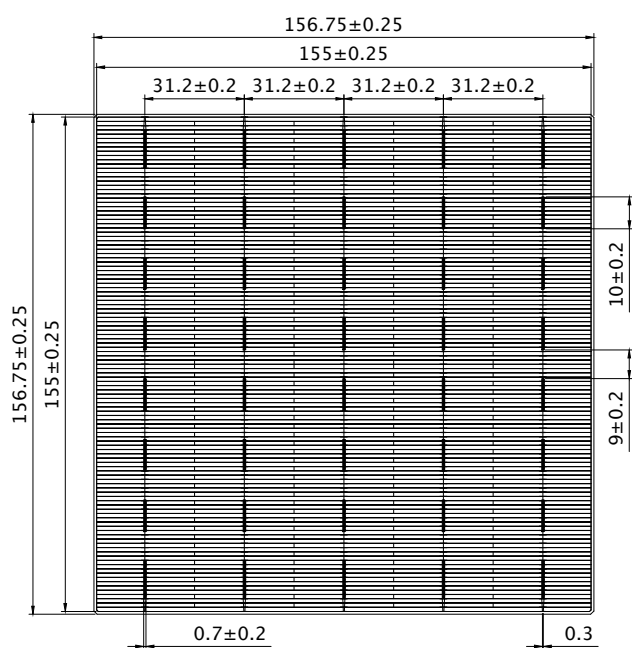


Poly Crystalline Solar Cell



(Units: mm)

MECHANICAL DATA AND DESIGN

Format	156.75mm×156.75mm±0.25mm
Tickness	190(-10/+20)μm
Front(-)	0.7±0.2mm bus bars(silver),blue anti-reflecting coating(silicon nitride)
Back(+)	1.5±0.2mm wide sodering pads(silver), back surface field(aluminum)

TEMPERTURE COEFFICIENTS

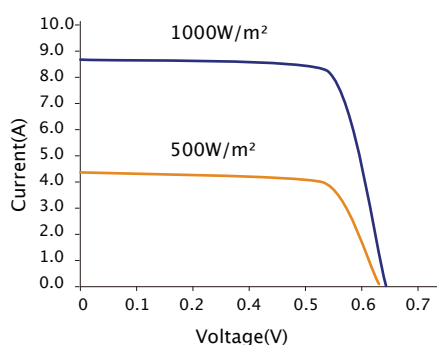
Standard Test Conditions:AM 1.5,1000W/m²,25°C

Current temperature coefficient	$\alpha(I_{sc})$	+0.05%/°C
Voltage temperature coefficient	$\beta(V_{oc})$	-0.33%/°C
Power temperature coefficient	$\gamma(W_p)$	-0.42%/°C

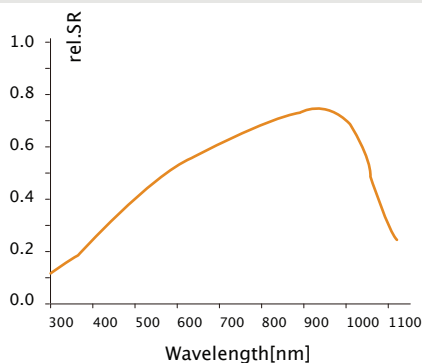
ELECTRICAL CHARACTERISICS(Standard Test Conditions:AM 1.5,1000W/m²,25°C)

Cell Efficiency	17.60%	17.80%	18.00%	18.20%	18.40%	18.60%	18.80%	19.00%
Maximum Power at STC(Pmax)	4.32	4.37	4.42	4.47	4.52	4.57	4.62	4.67
Open Circuit Voltage(Voc)	0.630	0.631	0.633	0.634	0.635	0.636	0.638	0.640
Maximum Power Voltage(Vmpp)	0.526	0.527	0.530	0.532	0.535	0.536	0.538	0.539
Short Circuit Current(Isc)	8.804	8.812	8.826	8.846	8.872	8.924	8.986	9.044
Maximum Power Current(Imp)	8.221	8.299	8.345	8.406	8.451	8.527	8.586	8.661

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity[W/m ²]	Isc*	Voc*
1000	1.0	1.000
900	1.0	0.989
500	0.5	0.963
300	0.3	0.939
200	0.2	0.920