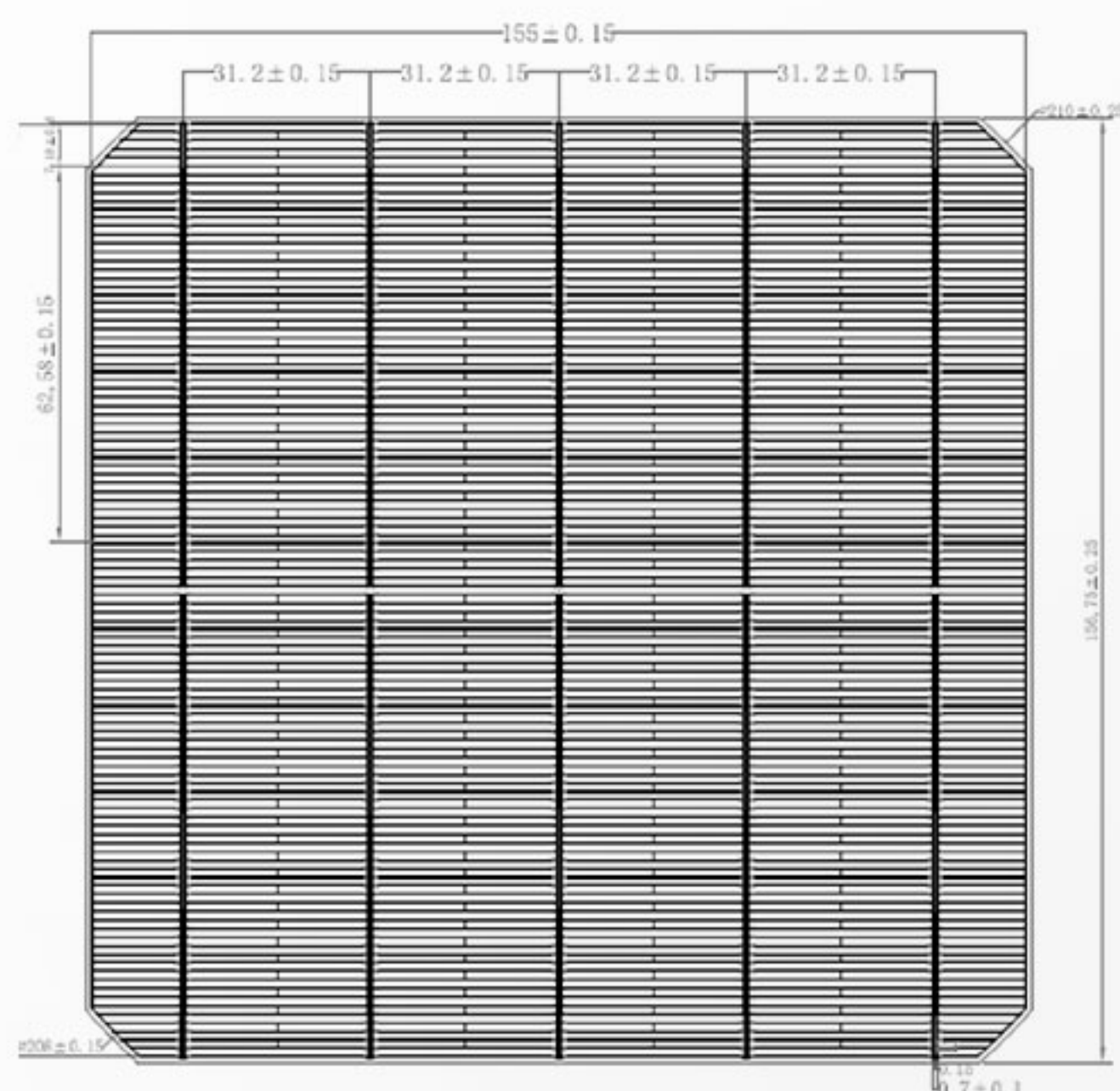


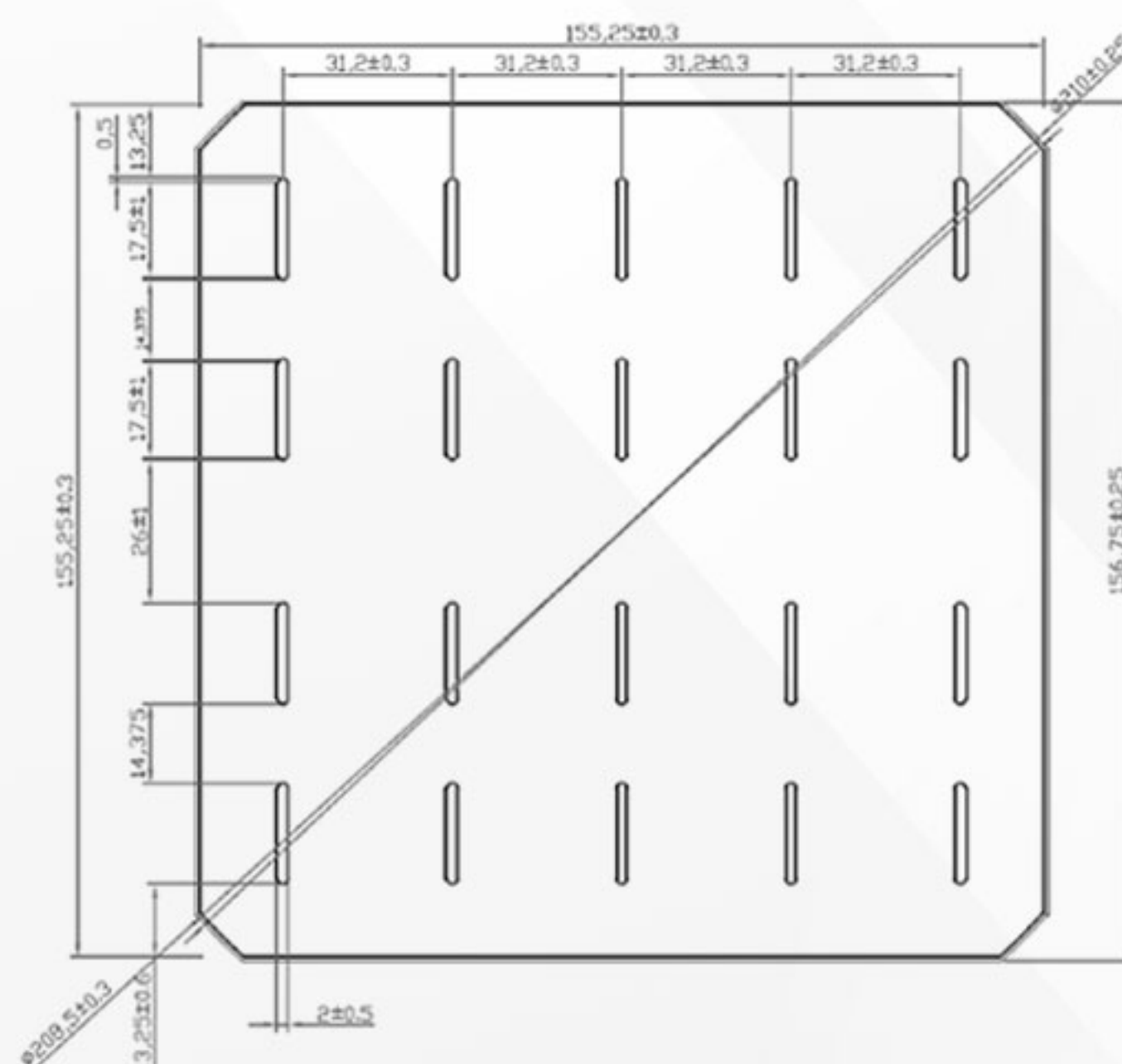
LKS-156.75mm-5BB Mono

High Efficiency Solar Cell

Front Pattern



Back Pattern



Mechanical Characteristics

Product: Mono Perc Crystalline Silicon Solar Cell

Dimension: 156.75mmx156.75mm±0.25

Thickness: 150μm±20μm

Front (cathode): 5BB*0.7mm solid*two segments and half-cell

Back (anode): Segmented electrodes 5*4,width* length: 1.7mm*17.5mm

Electrical Characteristics

Efficiency(%)	Pmpp(Wp)	Vmpp (V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
22.50%	5.50	0.593	9.271	0.681	9.772	82.52
22.40%	5.47	0.591	9.261	0.679	9.765	82.50

22.30%	5.45	0.589	9.248	0.678	9.745	82.48
22.20%	5.42	0.587	9.233	0.677	9.710	82.45
22.10%	5.40	0.586	9.215	0.677	9.675	82.44
22.00%	5.38	0.586	9.179	0.676	9.662	82.42
21.90%	5.35	0.585	9.150	0.674	9.639	82.38
21.80%	5.33	0.584	9.129	0.674	9.612	82.33
21.70%	5.30	0.583	9.094	0.673	9.584	82.24
21.60%	5.28	0.582	9.078	0.672	9.566	82.15

Temperature Coefficients

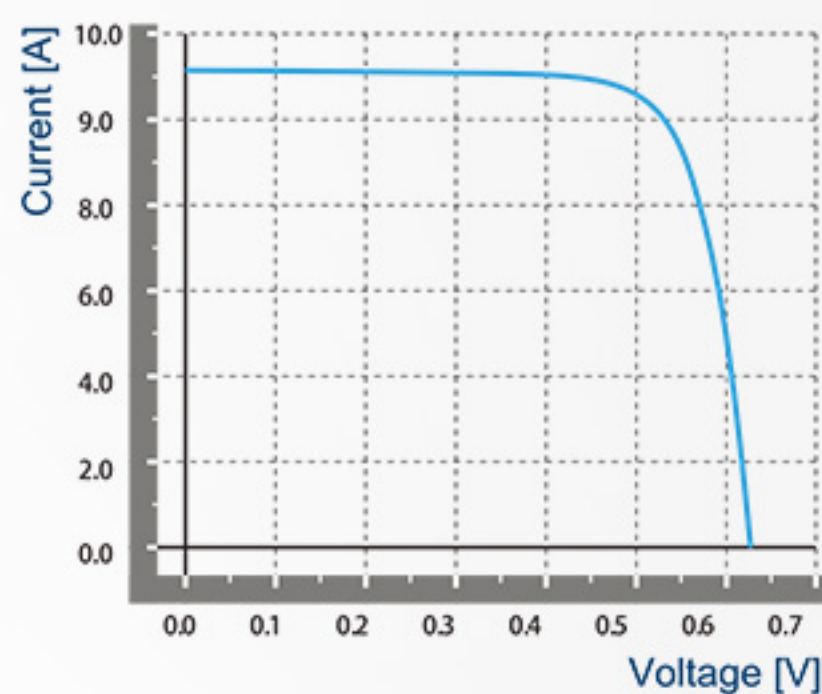
TkCurrent: +0.060/°K

TkVoltage: -0.350%/°K

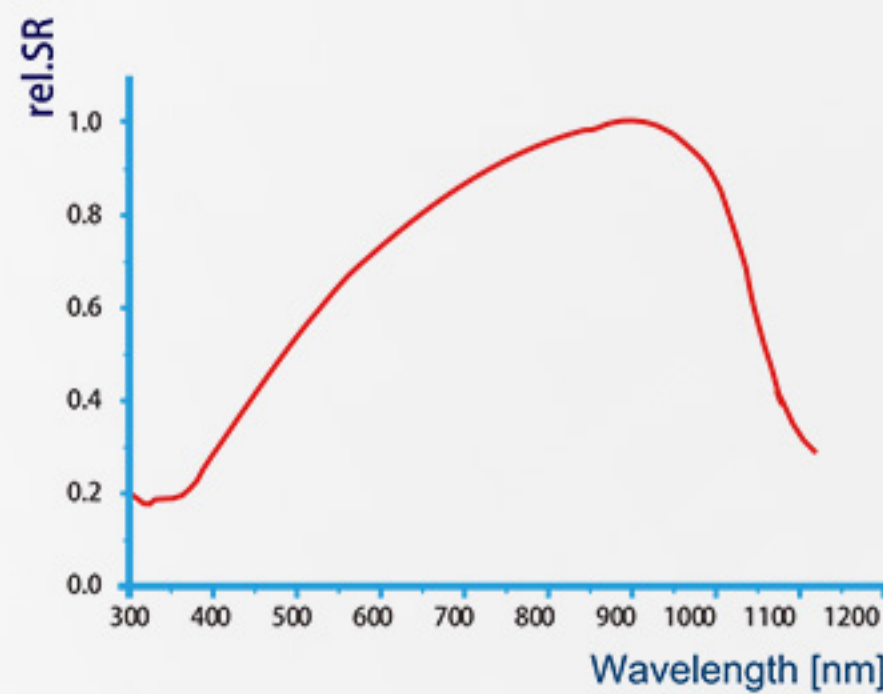
TkPower: -0.370%/°K

STC:Irradiance 1000W/m², Cell temperature 25 °C, AM1.5G.Pmpp ±1.5%, Efficiency ±0.2%

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc	Voc	Pmpp
1000	1.0	1.000	1.000
800	0.80	1.000	0.900
500	0.50	0.960	0.490
300	0.30	0.930	0.290
200	0.20	0.920	0.190

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

*calibrated against fraunhofer ISE refiburg

Specifications subjects to technical changes and test, Shanghai Linksol New Energy Co.,Ltd reserves the right of final interpretation.