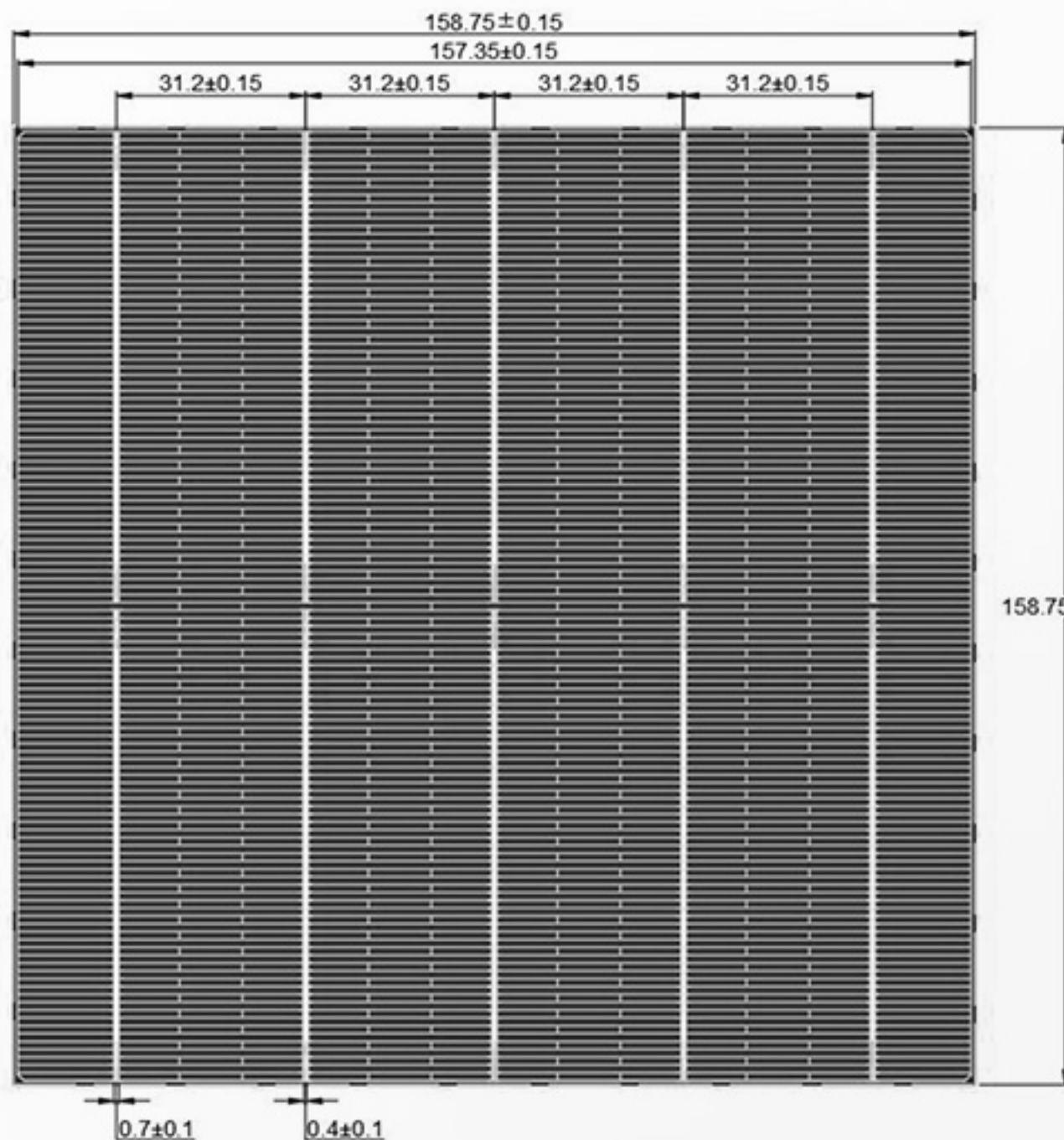


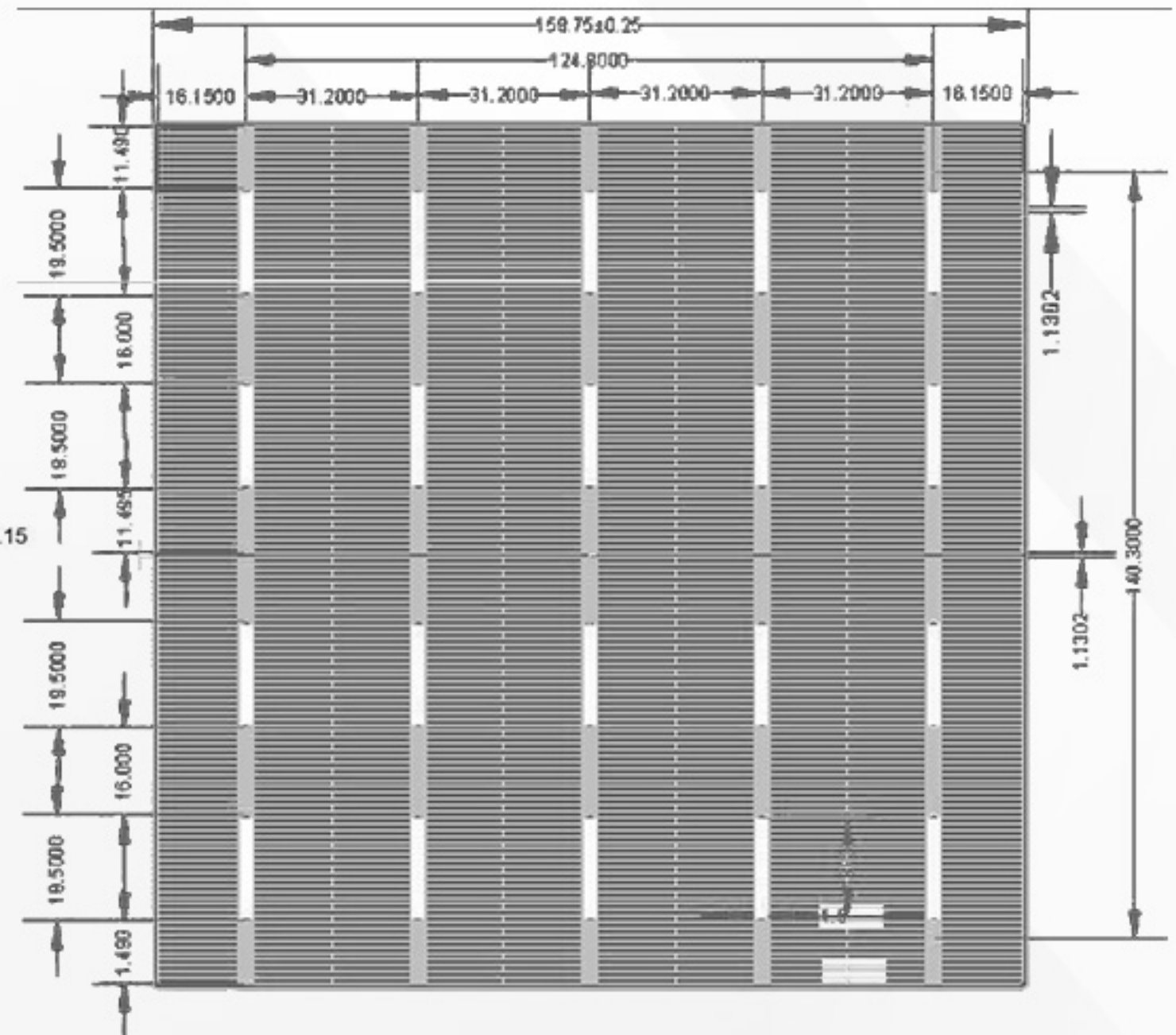
LKS-158.75mm-5BB Mono

High Efficiency Solar Cell

Front Pattern



Back Pattern



Mechanical Characteristics

Product: Mono Perc Crystalline Silicon Solar Cell

Dimension: $158.75\text{mm} \times 158.75\text{mm} \pm 0.25$

Thickness: $150\mu\text{m} \pm 20\mu\text{m}$

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

Back (anode): Segmented electrodes 5*4,width* length: 1.5mm*18mm

Electrical Characteristics

Efficiency(%)	Pmpp(Wp)	Vmpp (V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
22.60%	5.69	0.583	9.768	0.670	10.212	83.23
22.50%	5.67	0.582	9.749	0.670	10.189	83.11

22.40%	5.64	0.580	9.728	0.669	10.173	82.90
22.30%	5.62	0.579	9.706	0.669	10.152	82.71
22.20%	5.59	0.577	9.681	0.668	10.120	82.63
22.10%	5.57	0.576	9.665	0.668	10.098	82.50
22.00%	5.54	0.574	9.652	0.667	10.082	82.36
21.90%	5.52	0.573	9.634	0.667	10.058	82.27
21.80%	5.49	0.571	9.618	0.666	10.031	82.15
21.70%	5.47	0.569	9.613	0.666	10.007	82.06

Temperature Coefficients

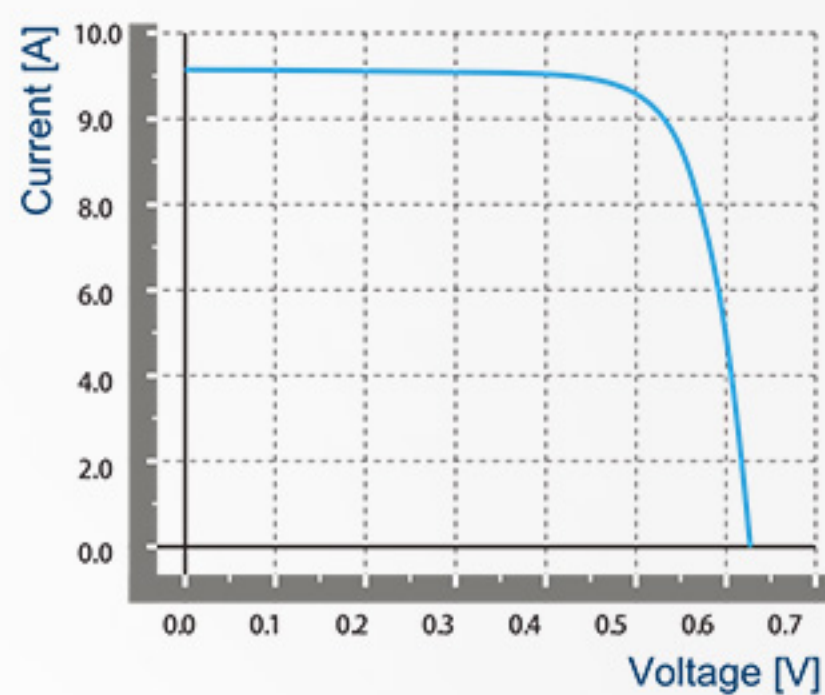
TkCurrent: +0.06%/°C

TkVoltage: -0.36%/°C

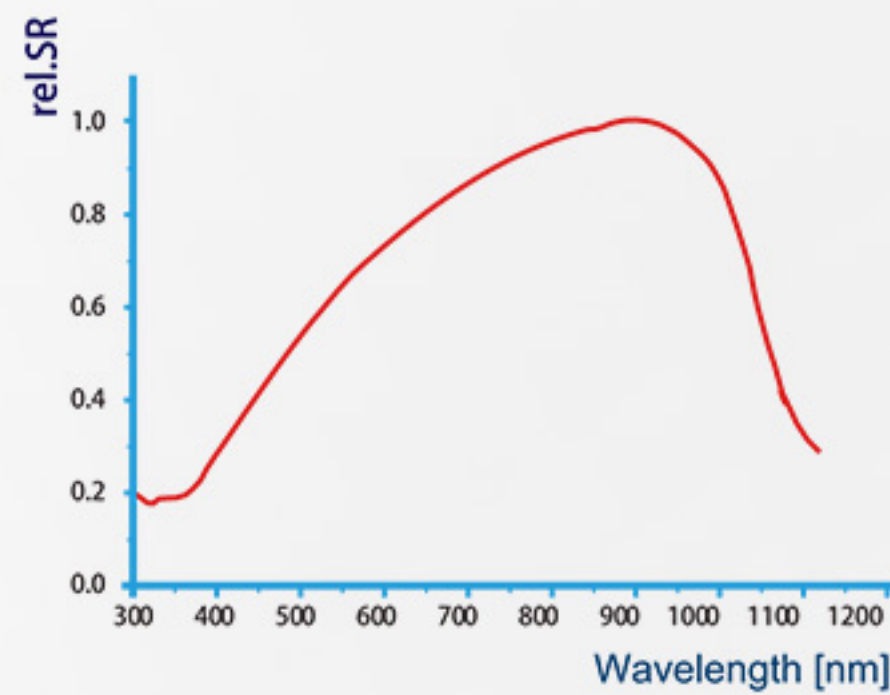
TkPower: -0.36%/°C

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.