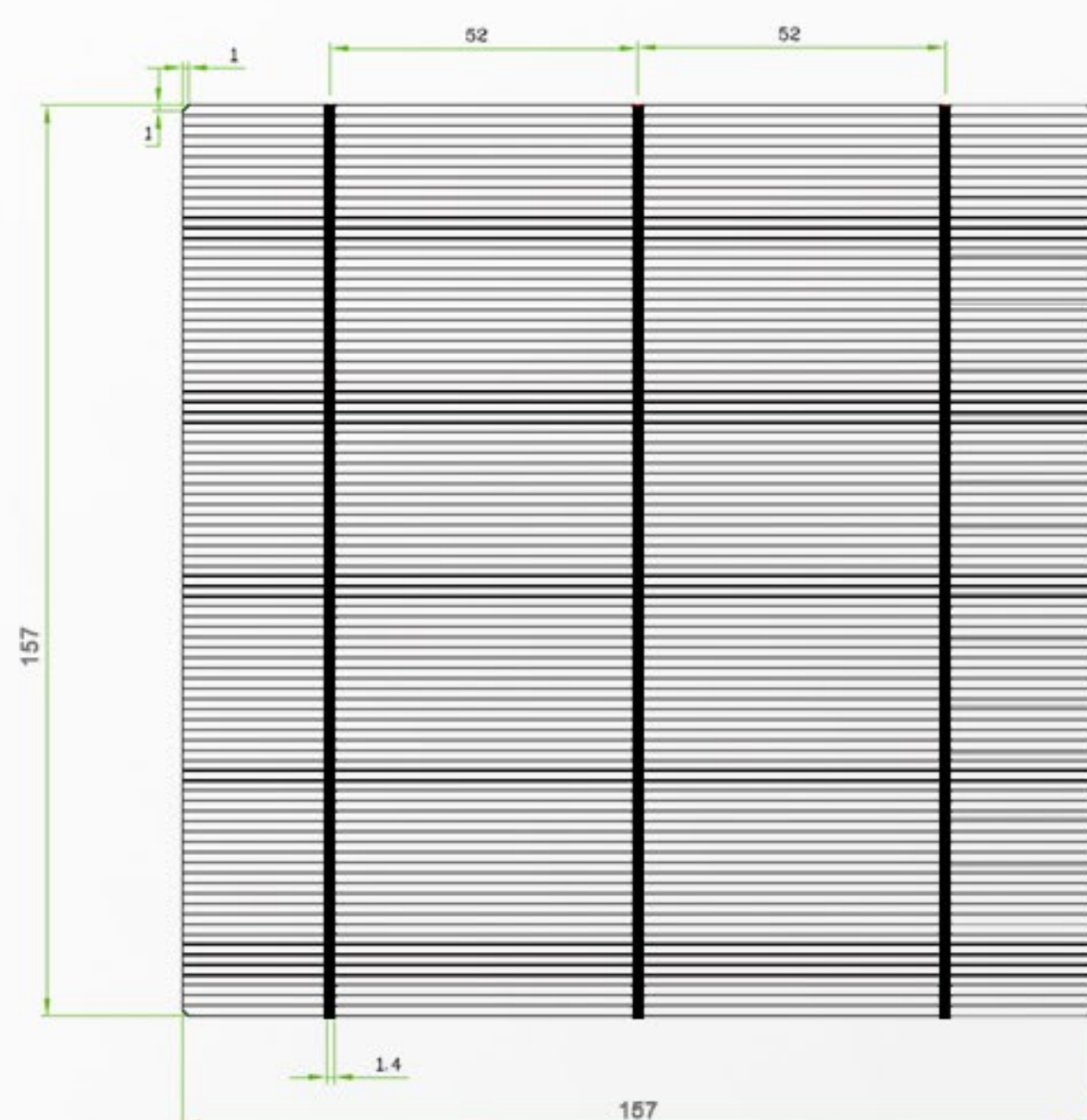


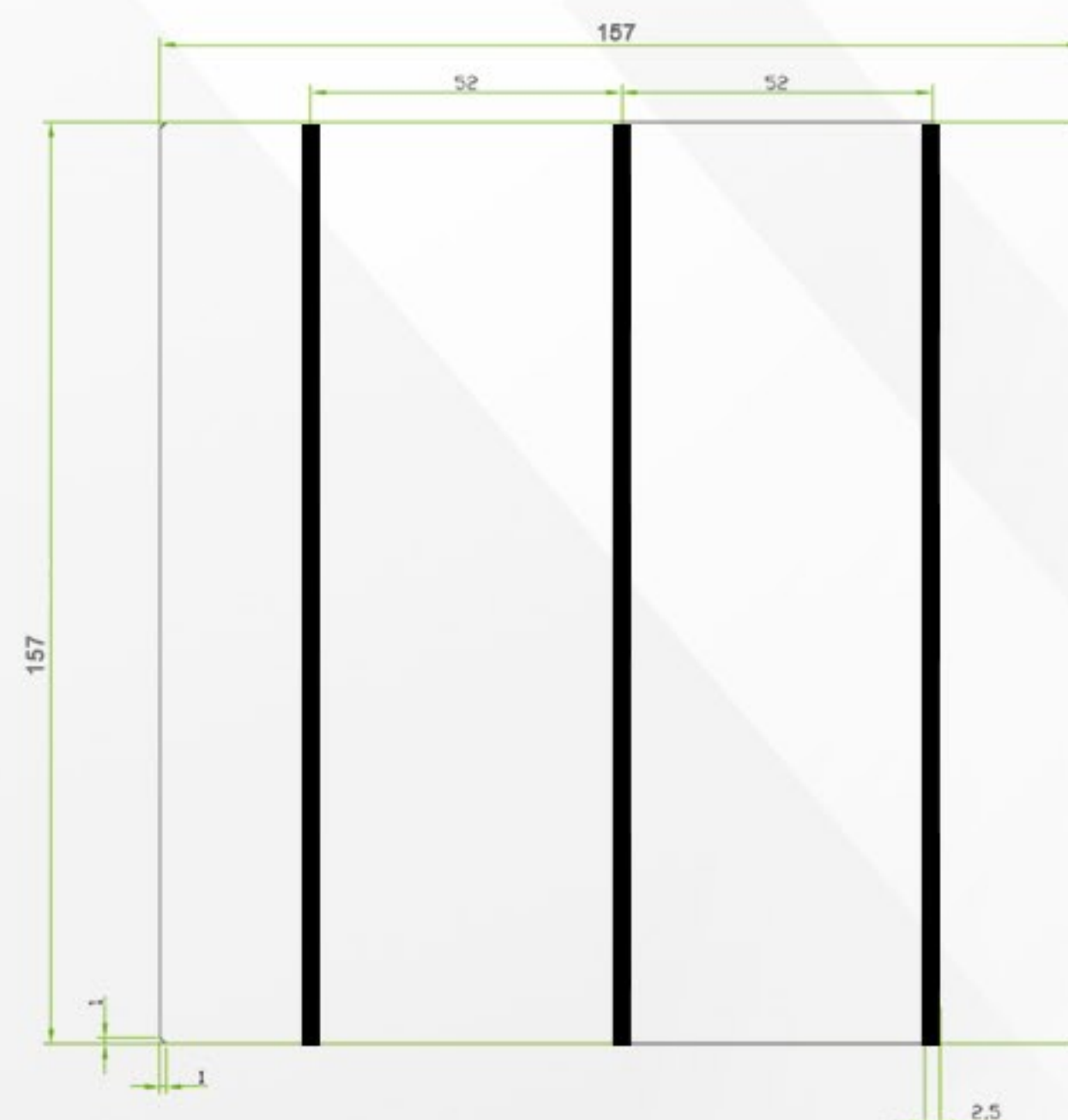
LKS-157mm-3BB Poly

High Efficiency Solar Cell

Front Pattern



Back Pattern



Mechanical Characteristics

Product	Poly-crystalline Silicon Solar Cell
Dimension	157mmx157mm , tolerance $\pm$ 0.5mm
Thickness	170 μ m,tolerance $\pm$ 20 μ m
Front (cathode)	Blue silicon nitride anti-reflection coating Three row 1.4mm wide discontinuous silver bus bars
Back (anode)	Aluminum back surface field Three row 2.5mm wide discontinuous silver soldering pads

Electrical Characteristics

Efficiency(%)	Pmpp (Wp)	Vmpp (V)	Ipp (A)	Voc (V)	Isc (A)	FF (%)
18.6%+	4.58	0.543	8.42	0.639	8.90	80.4
18.5%+	4.55	0.541	8.40	0.637	8.89	80.3

18.4%+	4.53	0.539	8.38	0.636	8.87	80.1
18.3%+	4.50	0.537	8.37	0.634	8.86	80.0
18.2%+	4.48	0.536	8.34	0.633	8.84	79.9
18.1%+	4.45	0.534	8.33	0.632	8.82	79.8
18.0%+	4.43	0.533	8.29	0.631	8.81	79.5
17.8%+	4.38	0.530	8.25	0.629	8.77	79.3
17.6%+	4.33	0.527	8.20	0.627	8.73	79.0
17.4%+	4.28	0.524	8.16	0.625	8.68	78.6
17.2%+	4.23	0.522	8.10	0.624	8.64	78.4
17.0%+	4.18	0.520	8.03	0.620	8.60	78.3

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

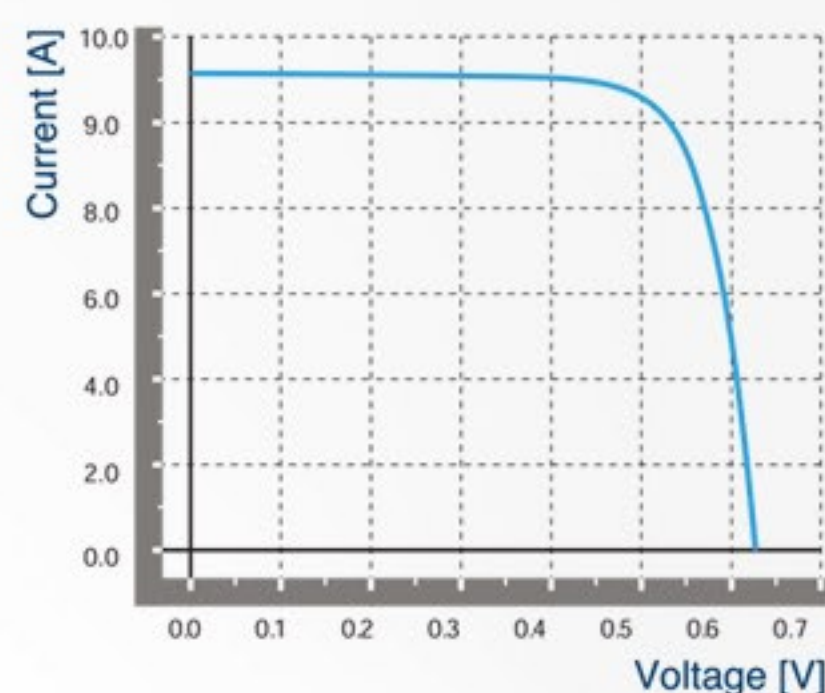
Temperature Coefficients

TkCurrent: +0.06%/°C

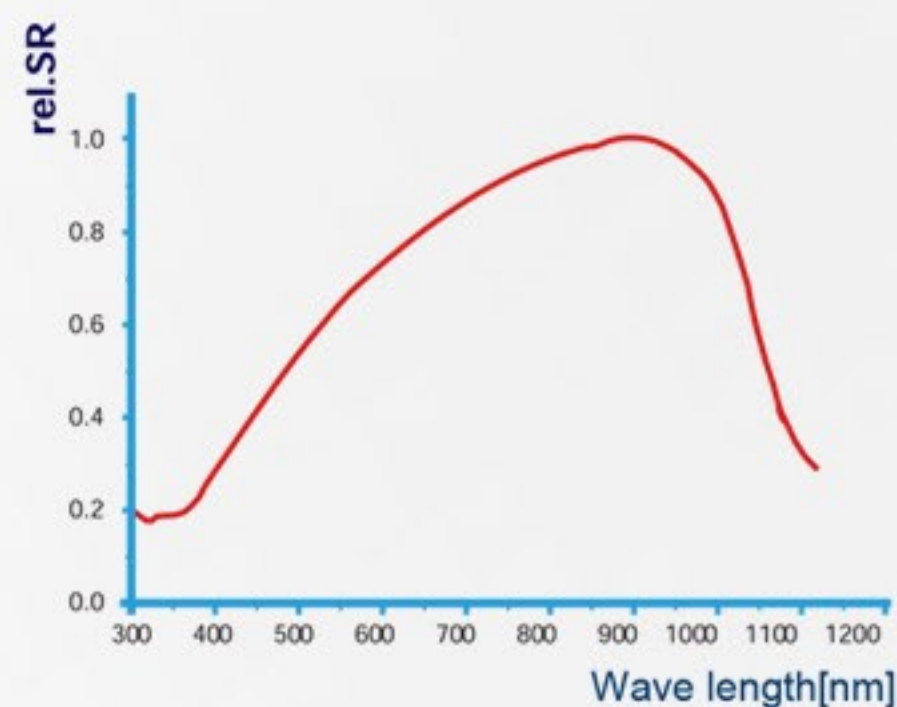
TkVoltage: -0.32%/°C

TkPower: -0.38%/°C

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc	Voc *	Pmpp
1000	1.0	1.000	1.000
800	0.80	0.990	0.790
500	0.50	0.970	0.490
300	0.30	0.950	0.290
200	0.20	0.930	0.190

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

*calibrated against fraunhofer ISE freiburg

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