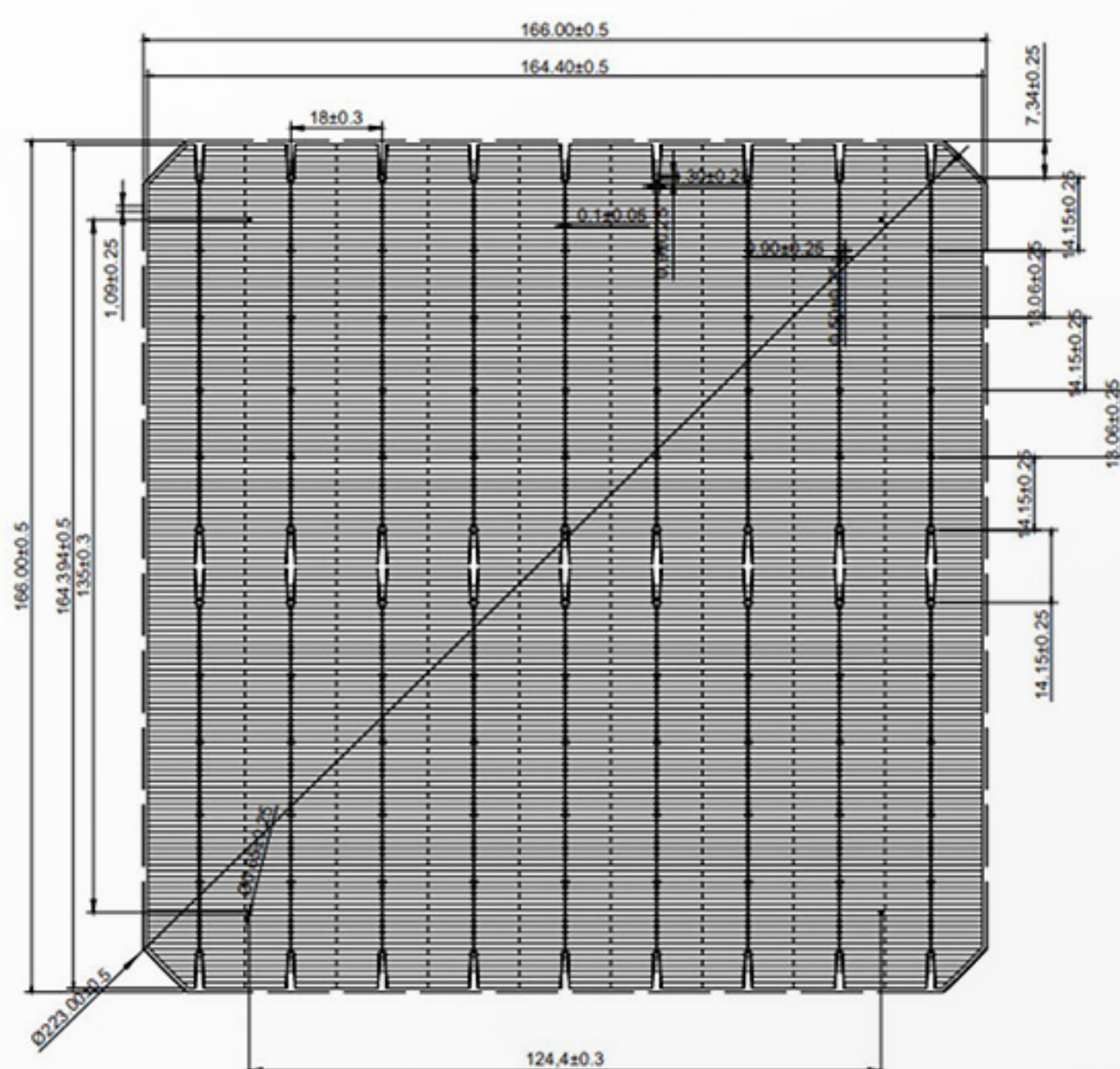


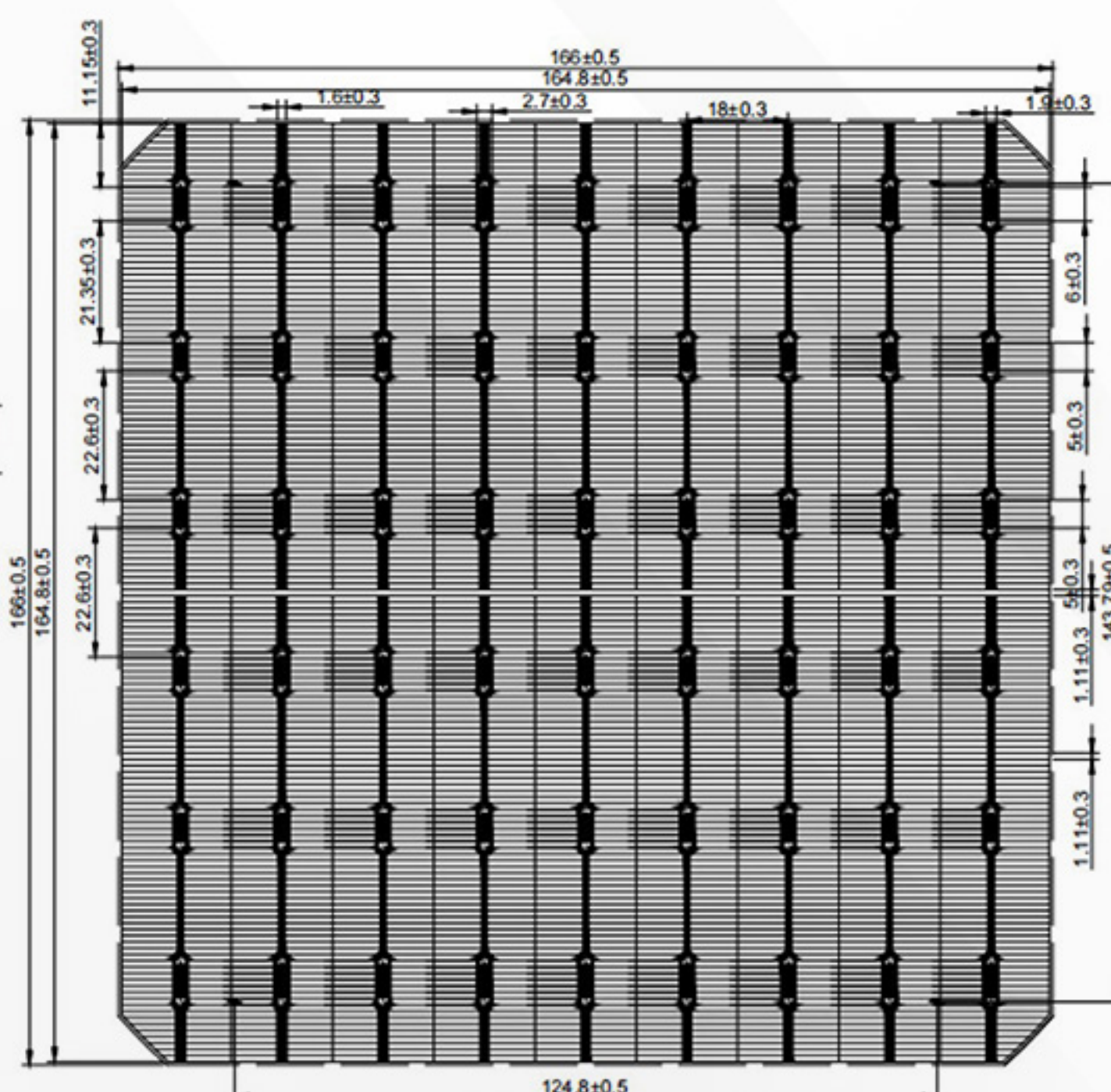
LKS-166mm-9BB Mono

High Efficiency Solar Cell

Front Pattern



Back Pattern



Mechanical Characteristics

Product: Mono Perc Crystalline Silicon Solar Cell

Dimension: 166mmx166mm±0.5mm

Thickness: 150μm±20μm

Front (cathode): Front busbar width 9*0.1+/-0.05mm, Silicon oxide+blue silicon nitride compound anti-reflection coating(PID Free)

Back (anode): Back busbar width 1.4+/-0.25mm, 150 fingers

Electrical Characteristics

Efficiency(%)	Pmpp(Wp)	Vmpp (V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
23.4%	6.42	0.5935	10.829	0.6934	11.307	81.97
23.3%	6.39	0.5927	10.799	0.6929	11.284	81.71

23.2%	6.36	0.5915	10.752	0.6917	11.261	81.65
23.1%	6.33	0.5901	10.727	0.6905	11.246	81.51
23.0%	6.31	0.5886	10.714	0.6893	11.230	81.48
22.9%	6.28	0.5871	10.690	0.6881	11.216	81.36
22.8%	6.25	0.5856	10.674	0.6869	11.201	81.24
22.7%	6.22	0.5843	10.650	0.6856	11.187	81.14
22.6%	6.20	0.5826	10.635	0.6847	11.172	81.00
22.5%	6.17	0.5811	10.615	0.6835	11.158	80.88

Temperature Coefficients

TkCurrent: +0.07%/°K

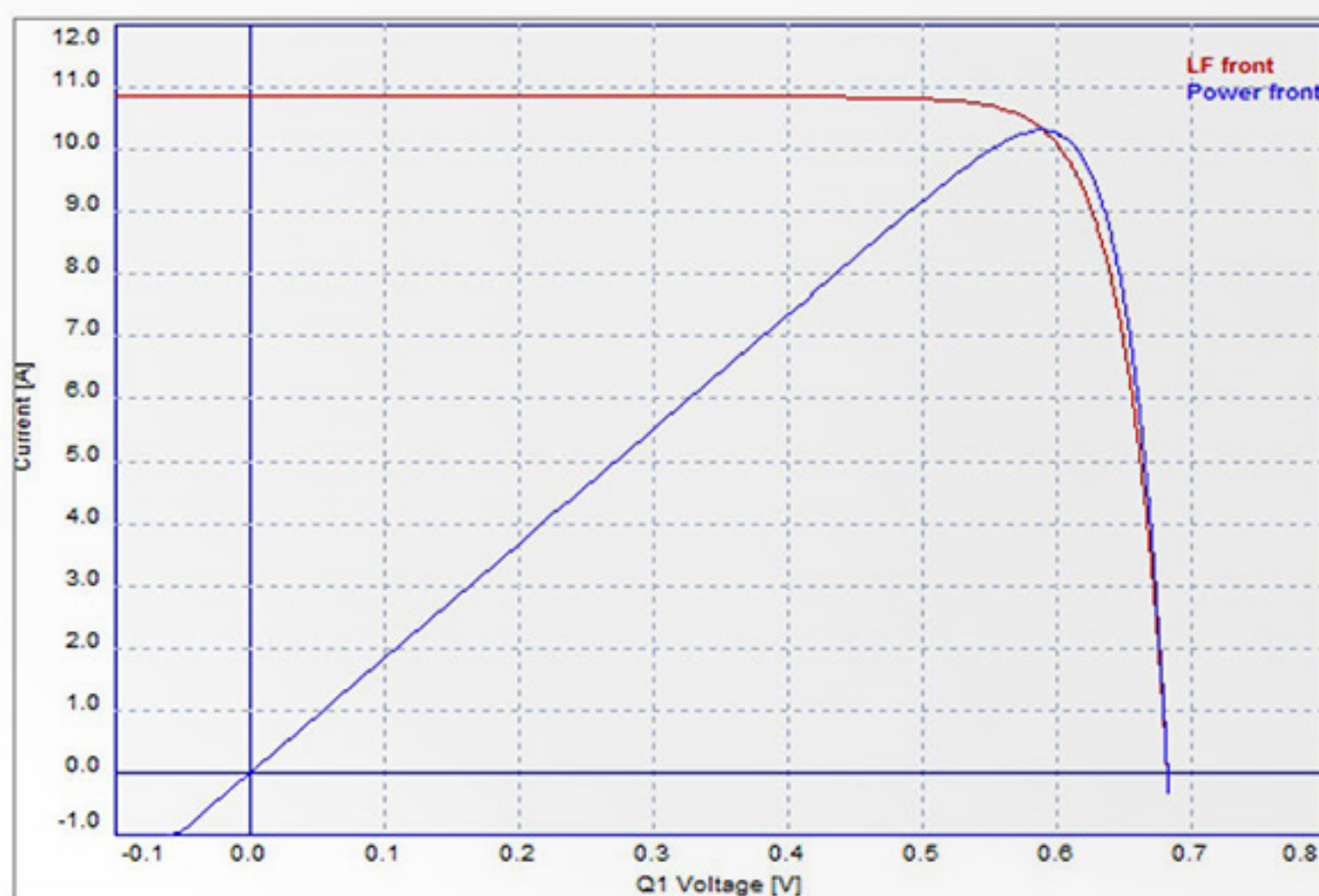
TkVoltage: -0.36%/°K

TkPower: -0.38%/°K

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

IV CURVE

INTENSITY DEPENDENCE



Intensity(W/m ²)	Uoc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

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