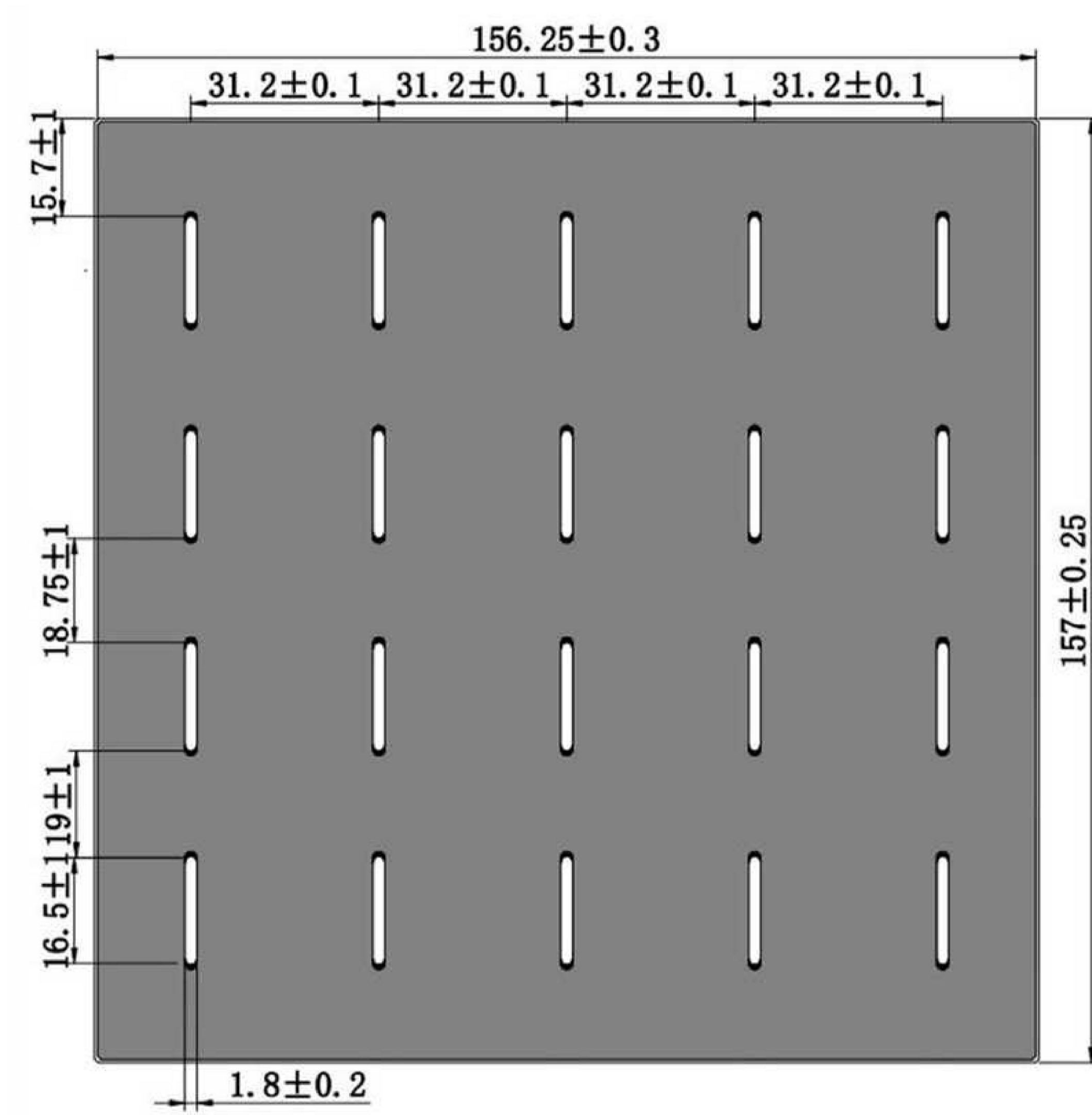
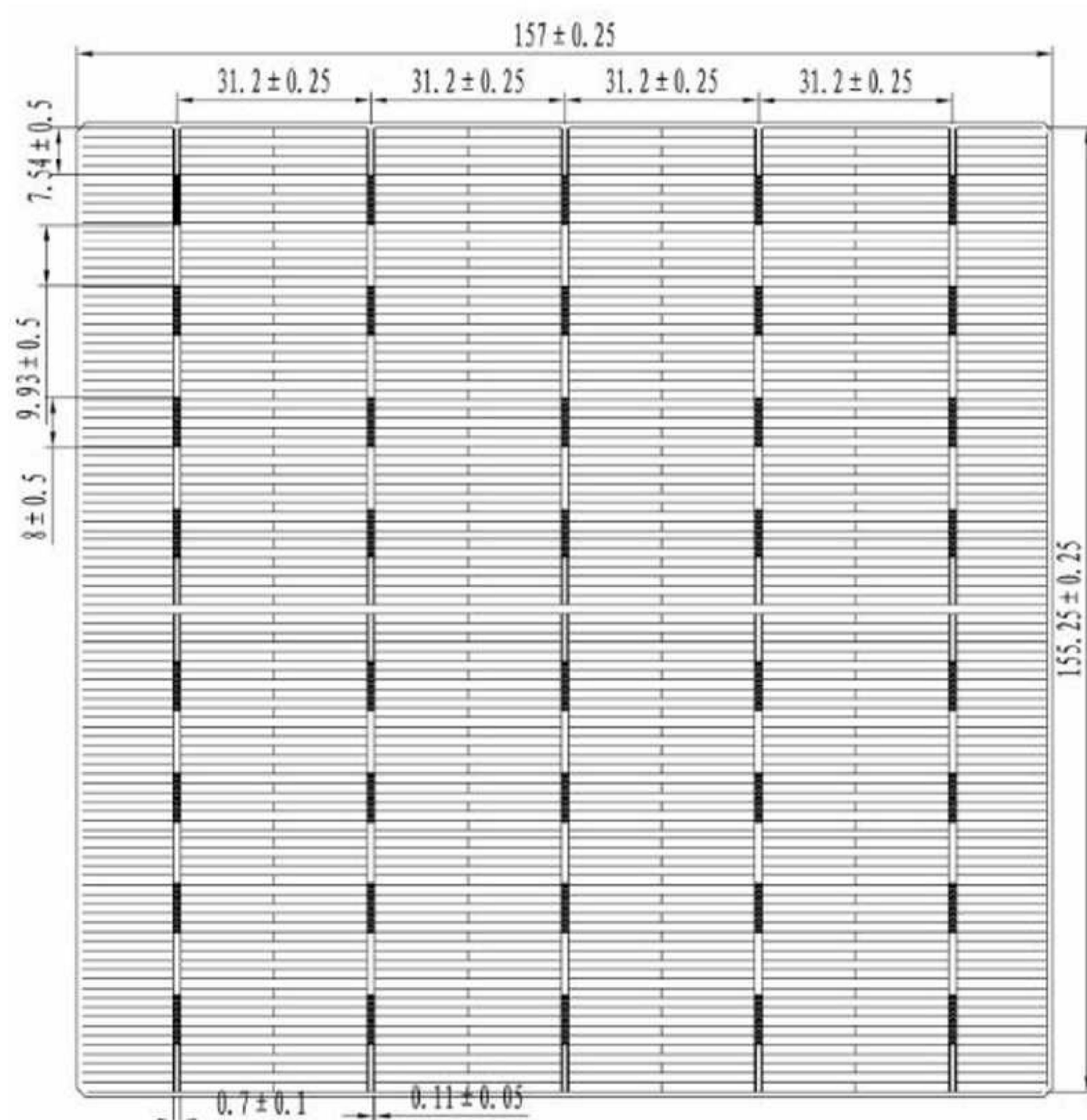


PRODUCT
MAIN

157-POLY-5BB-PID

FEATURES



TECHNICAL DATA AND DESIGN

Dimension	157mm*157mm ± 0.5mm
Thickness	170 ± 30µm
Front	5*0.7mm Busbar Spacing 31.2mm, Busbar (silver), 104 Fingers
Back	Back electrode width (silver)1.8mm. Backside is covered with aluminum back field

SOLDERABILITY

Minimum peel strength	≥1.7N/mm
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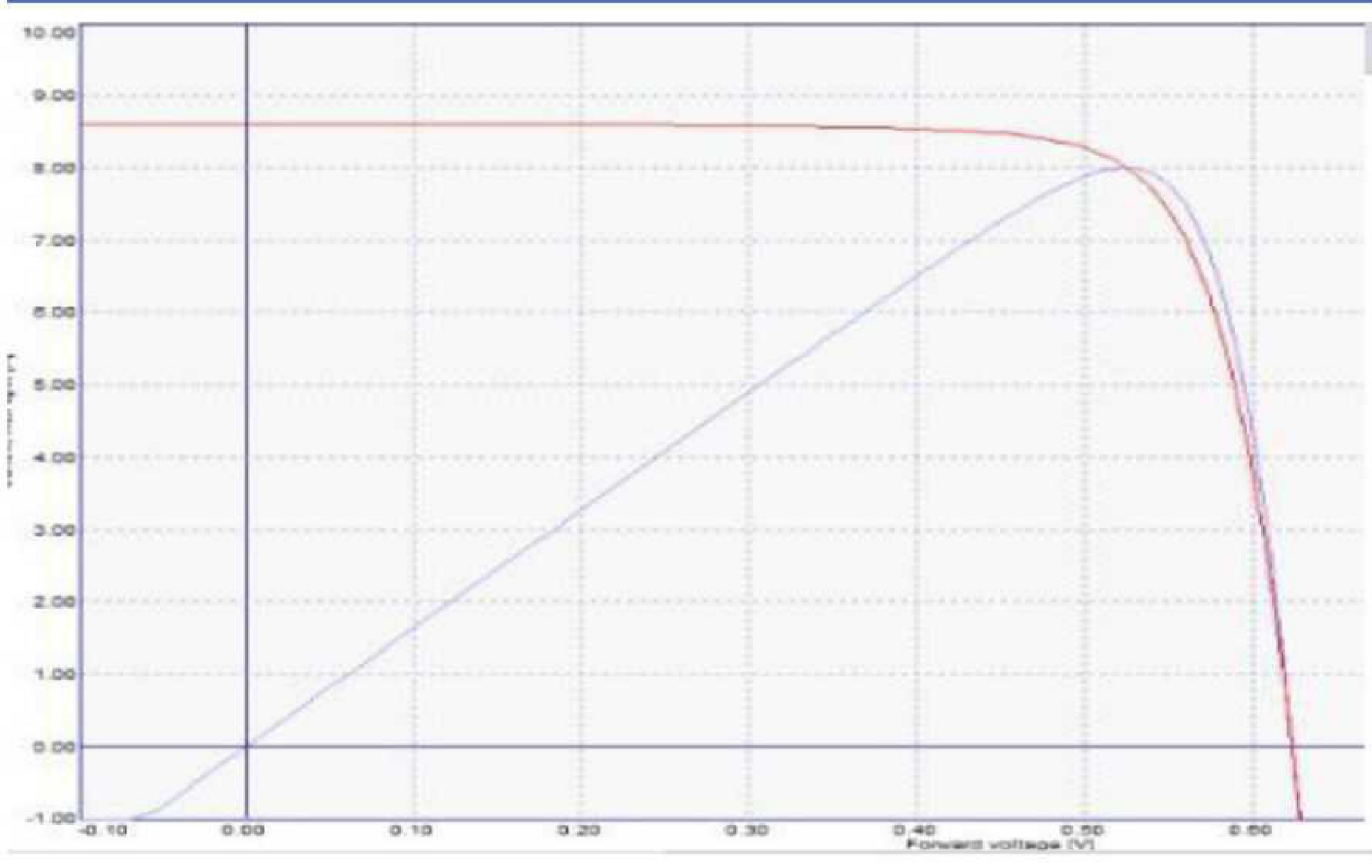
Results may vary depending on ribbon, welding method and condition



TEMPERATURE COEFFICIENT

TkVoltage:	-0.36 %/K
TkCurrent:	+0.06%/K
TkPower:	-0.36%/K

IV CURVE



LIGHT INTENSITY RELIABILITY

Intensity(W/m2)	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

Taking the Voc(Isc) of 1000W/m² test as the standard, test the magnitude of the decrease of Voc(Isc) with the light intensity.

FRONT ELECTRICAL PERFORMANCE PARAMETERS

Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
19.1	4.69	0.549	8.548	0.647	9.037	80.17
19.0	4.67	0.548	8.513	0.645	9.025	80.09
18.9	4.64	0.547	8.489	0.644	9.003	80.03
18.8	4.62	0.546	8.461	0.643	8.991	79.91
18.7	4.59	0.544	8.440	0.641	8.977	79.77
18.6	4.57	0.543	8.424	0.640	8.958	79.71
18.5	4.55	0.541	8.406	0.639	8.942	79.63
18.4	4.52	0.540	8.370	0.638	8.912	79.51
18.3	4.50	0.539	8.349	0.637	8.893	79.43
18.2	4.47	0.538	8.309	0.636	8.863	79.31
18.1	4.45	0.537	8.287	0.635	8.851	79.23
18.0	4.42	0.536	8.246	0.633	8.831	79.03

Standard Test Conditions: 1000W/m², AM1.5, 25°C