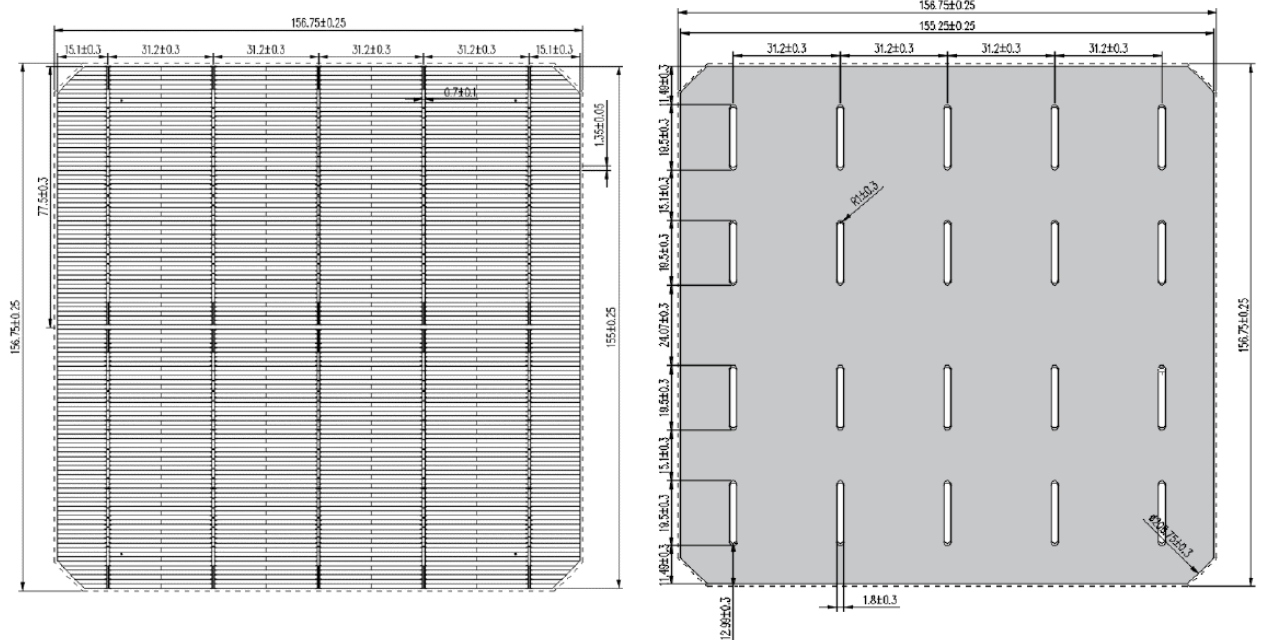




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DATASHEET SOLAR CELLS MONOCRISTALLINE PERC 5BB
SIZE M2 - 156.75 mm



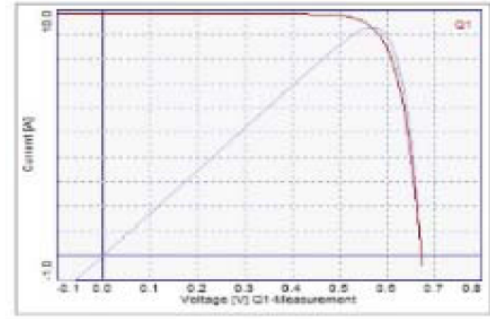
Dimension	156.75mm*156.75mm±0.25mm	TkVoltage: -0.36 %/K
Thickness	190±30µm	TkCurrent: +0.07%/K
Front	5*0.7mm busbars (silver), 116 finger grids (silver), Blue anti-reflecting coating (silicon nitride)	TkPower: -0.38%/K
Back(+)	5*1.8±0.3mm busbars (silver), Back surface field (aluminum), vertical dotted laser	Rsh≥30Ω, Irev2≤0.8A

Light 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

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

IV Curve



Solder Ability

Peel Strength Minimum $\geq 1.4\text{N/mm}$

Result may be different due to different ribbons, soldering methods and parameters.

Efficiency (%)	Pmpp (W)	Ump (V)	Impp (A)	Uoc (V)	Isc (A)	FF (%)
22.60	5.52	0.584	9.452	0.685	9.922	81.22
22.50	5.50	0.583	9.432	0.684	9.911	81.13
22.40	5.47	0.582	9.399	0.683	9.876	81.09
22.30	5.45	0.581	9.380	0.682	9.872	80.95
22.20	5.42	0.580	9.347	0.681	9.867	80.82
22.10	5.40	0.579	9.345	0.680	9.858	80.69
22.00	5.38	0.578	9.342	0.679	9.847	80.58
21.90	5.35	0.577	9.329	0.678	9.832	80.42
21.80	5.33	0.576	9.316	0.677	9.818	80.26
21.70	5.30	0.575	9.303	0.676	9.803	80.08
21.60	5.28	0.574	9.291	0.675	9.788	79.92
21.50	5.25	0.573	9.279	0.674	9.774	79.77
21.40	5.23	0.571	9.269	0.673	9.759	79.64
21.30	5.20	0.569	9.255	0.672	9.744	79.47