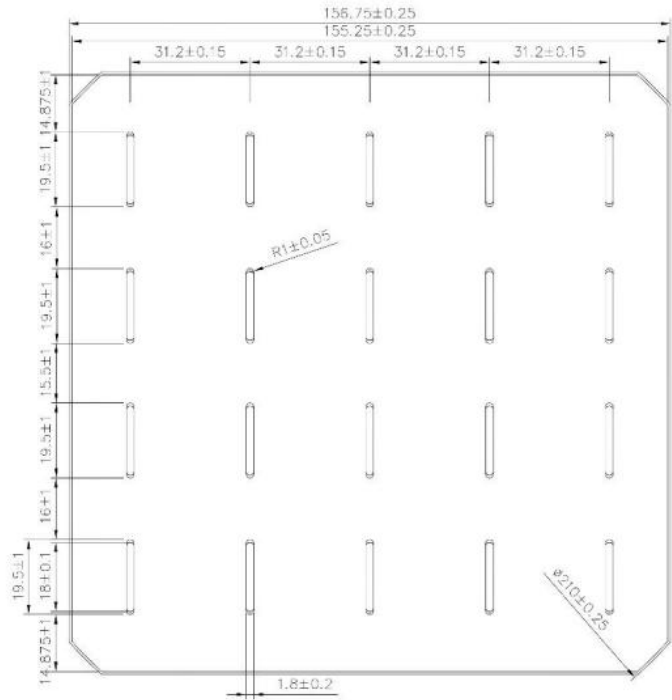
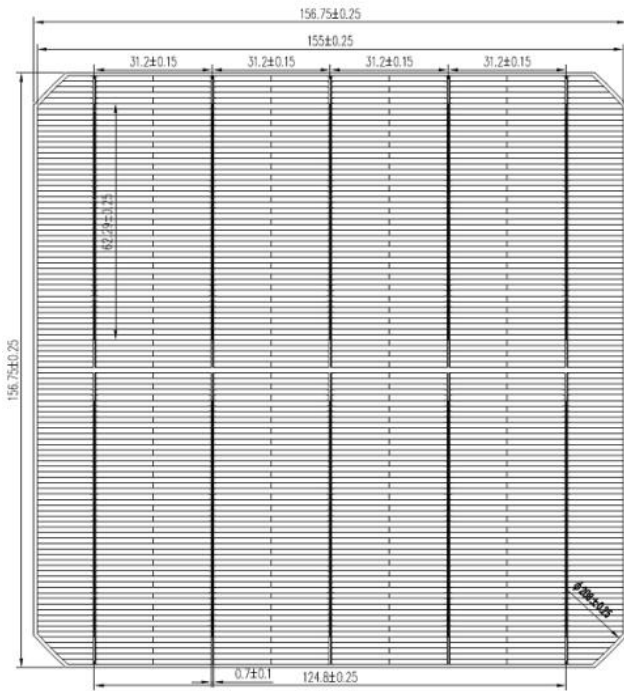




Hefei SingSolar New Energy Technology Co.,Ltd

5BB PERC Mono Crystalline Silicon Solar Cells

Solar Cells SPC



MECHANICAL DATA AND DESIGN

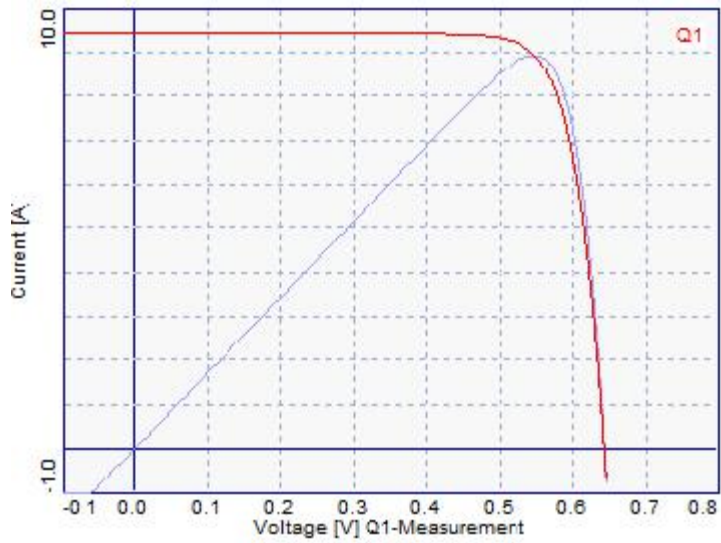
Format	156.75mm*156.75mm±0.25mm	TkUoc	- 0.36%/K
Thickness	200±20μm	Tklsc	+ 0.06%/K
Front(-)	5*0.64mm Busbars (Silver),108 Finger grids, Blue anti-reflecting coating(Silicon nitride)	TkPmax	- 0.36%/K
Back(+)	5*2.2mm Busbars(Silver),Back surface field(Aluminum)	Rsh ≥30 Ω, Irev2 ≤1.0A	



INTENSITY DEPENDENCE

Intensity(w/m ²)	Uoc	Isc
1000	1.00	1.00
900	1.00	0.90
800	0.99	0.80
600	0.98	0.60
400	0.96	0.40

IV CURVE



Electrical Performance

Item No.	Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)
SS-156.75M-223	22.3	5.45	0.582	9.361	0.683	9.95
SS-156.75M-222	22.2	5.42	0.58	9.352	0.681	9.91
SS-156.75M-221	22.1	5.40	0.579	9.326	0.68	9.88
SS-156.75M-220	22.0	5.38	0.578	9.308	0.679	9.847
SS-156.75M-219	21.9	5.35	0.577	9.272	0.678	9.832
SS-156.75M-218	21.8	5.33	0.576	9.253	0.677	9.818
SS-156.75M-217	21.7	5.30	0.575	9.217	0.676	9.803
SS-156.75M-216	21.6	5.28	0.574	9.199	0.675	9.788
SS-156.75M-214	21.4	5.23	0.571	9.159	0.673	9.759
SS-156.75M-212	21.2	5.18	0.567	9.136	0.671	9.73

Standard Test condition: Intensity=1000w/m², Spectrum=Am1.5, Tempertrure=25°C

Specification subject to technical updates & tests. Sing Solar reserves the right of final interpretation

PACKAGE:



畅阳新能源
Singsolar new energy

Solar Cells package should have enough precautions to prevent the breakage on transport. Our package is in Cartons, and the inner box is packed in pearl cotton, 1600pcs/CTN, 6 cartons/ floor, 4 floors/pallet, total 38400pcs/pallet

COLOR SORTING:

We sort the cells into 4 kinds color: 1# Light Light Blue淡蓝, /2#Light Blue浅蓝/3#Blue中蓝/4#Dark Blue深蓝

ATTENTIONS :

In order to protect the Electrical &Welding Performance, following behaviors should be avoided

- a. Naked to dispose the cells without any gloves
- b. Careless and rude operations lead to the breakage and cracking.
- c. Lay the cells on corrosive gases or chemicals
- d. Scratch or scuff the surface of cells

STORAGE :

It should be used up after unpacking , and avoid exposing on the air.

Should keep away from corrosive gases or chemicals, store it under humanity $\leq 60\%$, temperature $20 \pm 5^{\circ}\text{C}$.

MOISTURE PROOF:

This product is no moisture proof, need glass, waterproof film and resin protection, in sake of long-term effectiveness

OTHERS:

If any queries about the documents or the test condition, we can negotiate it in goodness.

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