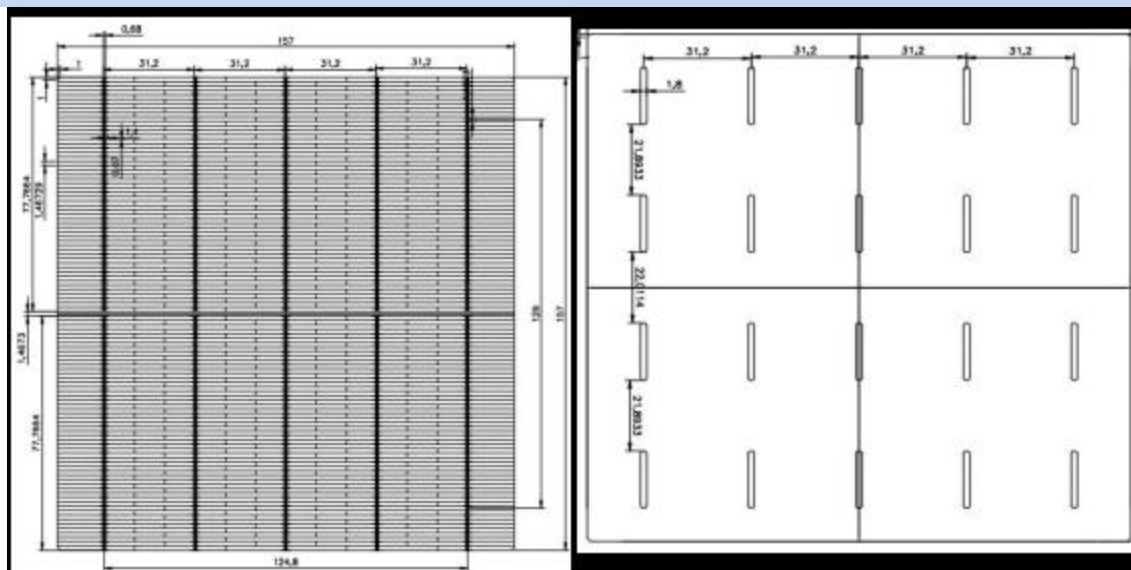




SAMEBAOT SOLAR ENERGY

Data Sheet for 158.75mm Mono Cells

PRODUCT APPEARANCE DESIGN



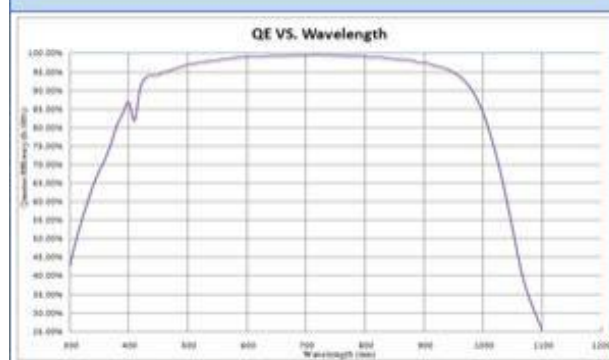
Technical data and design of screen

Size	158.75mm*158.75mm±0.05mm
Thickness	160±20um
Front	5*0.64mm busbar, 108 finger
back	Wide soldering pads 1.8±0.05mm , surface field aluminum

Temperature Coefficients

TkUoc (%/K)	-0.36
TkIsc (%/K)	+0.06
TkP _{MAX} (%/K)	-0.36

Spectral Response

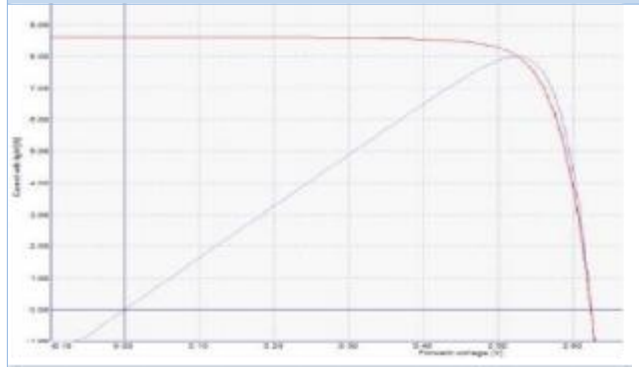


Light Intensity Dependence

Intensity(W/m ²)	Uoc	Isc
1000	1.0	1.0
900	0.99	0.9
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4

Based on the VOC(ISC) of 1 0 0 0 w/ M2 test.

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 code	Eff	Pmoo(w)	Umpp(v)	Impp(A)	Uoc(V)	Isc(A)
≥ 22.8	22.8%	5.746	0.601	9.553	0.691	10.041
22.7-22.8	22.7%	5.721	0.599	9.542	0.690	10.032
22.6-22.7	22.6%	5.702	0.598	9.528	0.689	10.025
22.5-22.6	22.5%	5.680	0.597	9.519	0.688	10.019
22.4-22.5	22.4%	5.657	0.595	9.507	0.687	10.011
22.3-22.4	22.3%	5.633	0.593	9.494	0.686	10.001
22.2-22.3	22.2%	5.608	0.592	9.480	0.685	9.989
22.1-22.2	22.1%	5.583	0.590	9.465	0.684	9.979
22.0-22.1	22.0%	5.559	0.588	9.449	0.683	9.969
21.9-22.0	21.9%	5.533	0.587	9.428	0.682	9.955