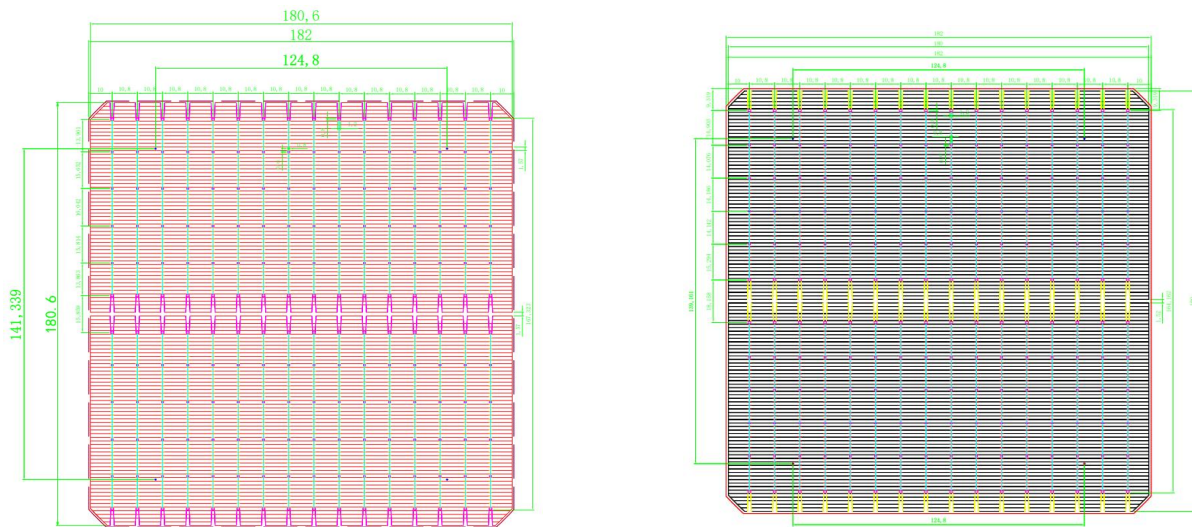




SAMEBAOT SOLAR ENERGY

Data sheet for 182mm mono cells

Product appearance design



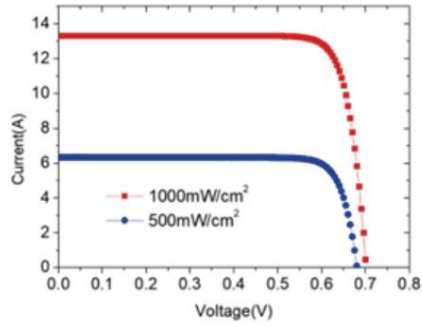
Technical data and design

尺寸 Size	182mmx182mm $\pm$ 0.25mm, Φ 247mm $\pm$ 0.25mm
厚度 Thickness	140 μ m $\pm$ 14 μ m
正面 Front	0.03mm wide bus bars, Silicon nitride anti-reflection coating
背面 back	0.03mm wide bus bars, Silicon nitride coating

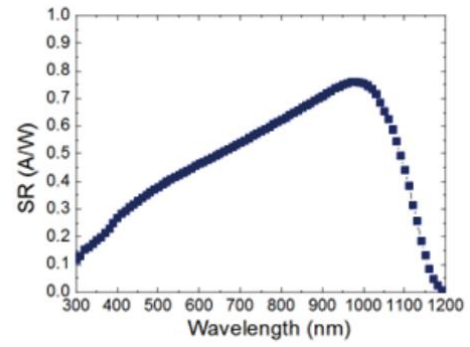
Temperature coefficient

Pmpp	TKcurrent: +0.046%/°C
Voc	TKvoltage: -0.26%/°C
Isc	TKpower: -0.30%/°C

IV curve



Spectral reaction



Electrical characteristics

Eff(%)	Pmpp(W)	Ump(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
25.1	8.30	0.625	13.279	0.713	13.766	84.50
25.0	8.27	0.624	13.252	0.712	13.748	84.47
24.9	8.23	0.623	13.212	0.711	13.741	84.31
24.8	8.20	0.622	13.185	0.709	13.729	84.22
24.7	8.16	0.622	13.119	0.709	13.730	83.81
24.6	8.13	0.621	13.098	0.709	13.716	83.69
24.5	8.10	0.620	13.062	0.707	13.708	83.54
24.4	8.06	0.620	13.007	0.707	13.705	83.23
24.3	8.02	0.618	12.985	0.706	13.694	82.92
24.2	7.99	0.617	12.951	0.705	13.689	82.86
24.1	7.97	0.617	12.921	0.705	13.646	82.85
24.0	7.93	0.616	12.875	0.704	13.624	82.68
23.9	7.89	0.615	12.831	0.704	13.575	82.57
23.8	7.86	0.615	12.781	0.705	13.541	82.34
23.7	7.82	0.614	12.735	0.705	13.506	82.12