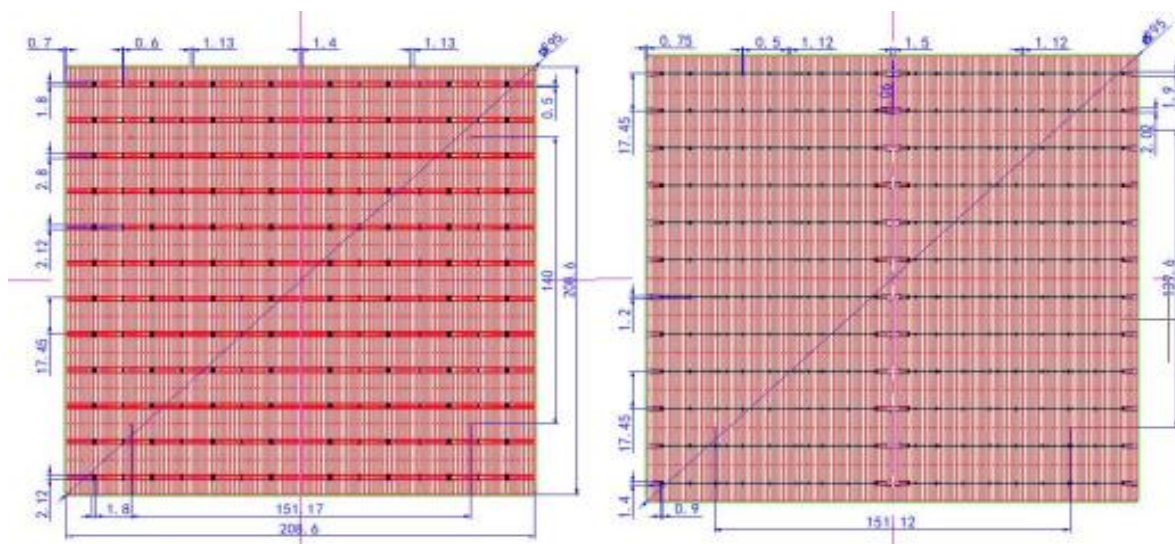




SAMEBAOT SOLAR ENERGY

DATASHEET FOR 210MM MONO CELLS

Product Appearance



Technical Data & Design

尺寸 Dimension	210mm±0.25mm, 295mm±0.25mm	Tk Voltage: -0.32%/K
厚度 Thickness	160±20μm	Tk Current: +0.36%/K
正面 Front	12*0.04mm±0.02mm 主栅线 (银) , 180±30 根银 副栅线, 蓝色 (深蓝) 氮化硅减反膜 12*0.04mm±0.02mm busbars(silver), 180±30 fingers, blue (dark blue) silicon nitride antireflection film.	Tk Power: -0.44%/K
背面 Rear	背极宽度 (银) 1.8±0.3mm , 180±30 根铝副栅 线, 蓝色 (深蓝) 氮化硅减反膜 Back electrode width (silver) 1.8±0.3mm, 180 ±30 fingers, blue (dark blue) silicon nitride antireflection film.	Rsh≥50Ω , Irev2≤1.5A

光强可靠性(Light Strength Reliability)		
Intensity(W/m ²)	Voc	Isc
1000	1.000	1.000
900	0.995	0.903
800	0.986	0.802
600	0.981	0.602
400	0.974	0.401
以 1000W/m ² 测试的 Voc(Isc)为标准，测试的 Voc(Isc)随光强下降的幅度。 Voc(Isc) measured at 1000w/m ² , the extent of Voc(Isc) decreasing with light intensity.		

IV 曲线(IV Curve)	
可焊性 (Solderability)	
最小剥离强度Peel Strength	≥1N/mm
结果可能会因焊条、焊接方法及条件而不同。 The results may vary depending to ds, welding methods and conditions.	

Electrical Characteristics

Eff	Pmpp	Umpp	Impp	Uoc	Isc	FF
%	W	V	A	V	A	%
23.5	10.364	0.600	17.273	0.6983	18.052	82.22
23.4	10.322	0.599	17.232	0.6966	18.033	82.17
23.3	10.280	0.597	17.219	0.6945	18.015	82.16
23.2	10.239	0.595	17.208	0.6937	17.997	82.01
23.1	10.194	0.593	17.191	0.6926	17.986	81.83
23.0	10.153	0.591	17.179	0.6920	17.973	81.63
22.9	10.106	0.590	17.129	0.6914	17.955	81.41
22.8	10.063	0.589	17.085	0.6908	17.939	81.20
22.7	10.016	0.587	17.063	0.6891	17.917	81.12
22.6	9.970	0.585	17.043	0.6876	17.891	81.04
22.5	9.935	0.584	17.012	0.6859	17.879	81.01
22.4	9.884	0.582	16.983	0.6854	17.858	80.75
22.3	9.842	0.582	16.911	0.6843	17.821	80.71
22.2	9.803	0.580	16.902	0.6826	17.804	80.66
22.1	9.755	0.578	16.877	0.6811	17.793	80.49
22.0	9.712	0.577	16.832	0.6793	17.776	80.43