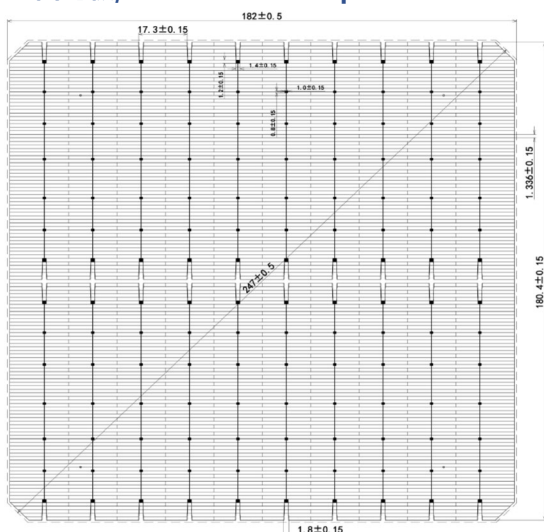


荣誉 |

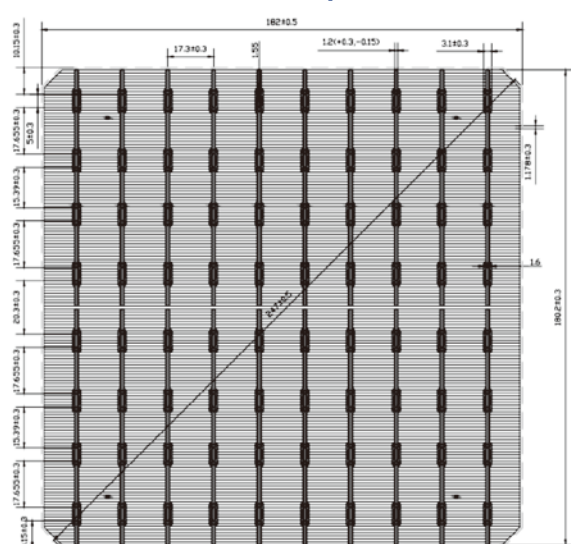
182尺寸单晶10BB双面半片

Product specification/产品规格

正面电极/ Front electrode pattern



背面电极/Back electrode pattern



Range of application/适用范围

本规范适用于润阳光伏太阳能电池, 并制定太阳能电池的特性和使用条件。

This specification applies to Runergy solar cells and builds up the character and working condition of solar cells.

Electrical properties/电特性

Temperature coefficient/温度系数

Voc: -0.3 %/°C

Isc: +0.06 %/°C

Pm: -0.39 %/°C

STC/标准检验条件

光强/Intensity: 1000 W/m²

光谱/Spectrum: AM1.5G

温度/Temperature: 25°C

电池片厚度/Cell thickness: 175 ± 17.5 μm

Product list/产品列表

硅片类型Silicon type	尺寸规格 size	正电极图形 Front electrode pattern
单晶Mono-crystalline	182*182±0.5Φ247mm	十主栅/ten busbar 间距interval:17.30mm

Appearance parameters/外观参数

参数项目 Parameter items		规格 Specification	公差 Tolerance	单位 Unit
正面 Front surface	A 细栅线数量 Finger quantity	136	-	Line
	B 正面焊盘宽度 Front busbar width	1.0	±0.1	mm
	C 主栅线间距 Distance between busbars	17.30	±0.15	mm
背面 Rare surface	a 背面主栅线的宽度 Back busbar width	1.6	±0.3	mm
	b 背面栅线之间的距离 Distance between back busbars	17.3	±0.15	mm
	c 背面细栅线数量 Back finger quantity	152	-	Line

Electrical performance/电性能

正面效率/Front Efficiency

档位 Eff (%)	效率区间 Efficiency	功率 Pmpp (W)	最大功率电流 Impp (A)	最大功率电压 Umpp (V)	短路电流 Isc (A)	开路电压 Uoc (V)
22.6	22.6-22.7	7.46	12.604	0.592	13.226	0.688
22.5	22.5-22.6	7.43	12.570	0.591	13.187	0.687
22.4	22.4-22.5	7.40	12.535	0.59	13.147	0.686
22.3	22.3-22.4	7.36	12.500	0.589	13.108	0.685
22.2	22.2-22.3	7.33	12.465	0.588	13.068	0.684
22.1	22.1-22.2	7.30	12.430	0.587	13.028	0.683
22.0	22.0-22.1	7.26	12.395	0.586	12.988	0.682
21.9	21.9-22.0	7.23	12.360	0.585	12.948	0.681