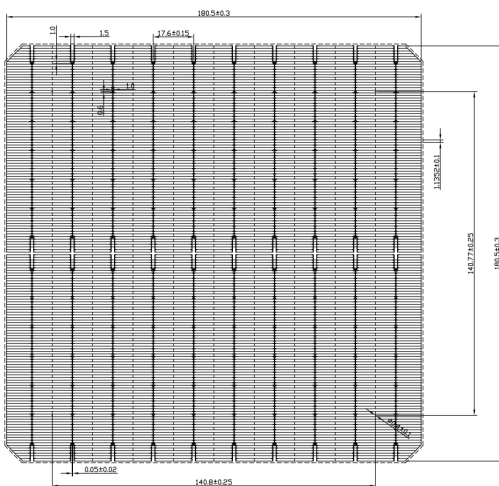


## 荣誉 |

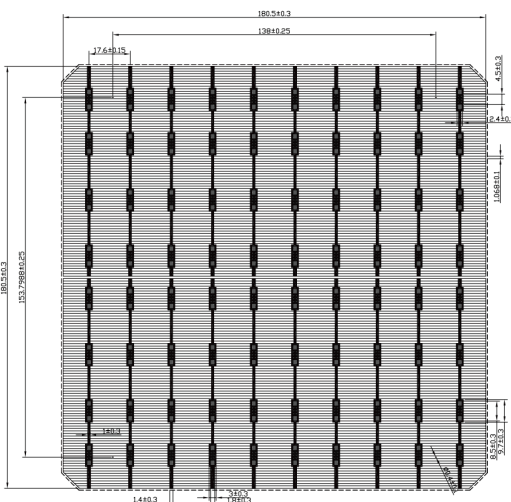
## 182尺寸单晶10BB双面半片

### 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/m<sup>2</sup>

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/17.6mm

### 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	160	-	Line
	B 正面焊盘宽度 Front busbar width	1.5	±0.1	mm
	C 主栅线间距 Distance between busbars	17.6	±0.15	mm
背面 Rare surface	a 背面主栅线的宽度 Back busbar width	1.4	±0.3	mm
	b 背面栅线之间的距离 Distance between back busbars	17.6	±0.15	mm
	c 背面细栅线数量 Back finger quantity	170	-	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)
23.3	23.3以上	7.69	12.842	0.599	13.506	0.695
23.2	23.2-23.3	7.66	12.808	0.598	13.466	0.694
23.1	23.1-23.2	7.63	12.773	0.597	13.426	0.693
23.0	23.0-23.1	7.59	12.745	0.596	13.386	0.692
22.9	22.9-23.0	7.56	12.710	0.595	13.346	0.691
22.8	22.8-22.9	7.53	12.675	0.594	13.306	0.690
22.7	22.7-22.8	7.49	12.640	0.593	13.266	0.689
22.6	22.6-22.7	7.46	12.604	0.592	13.226	0.688