

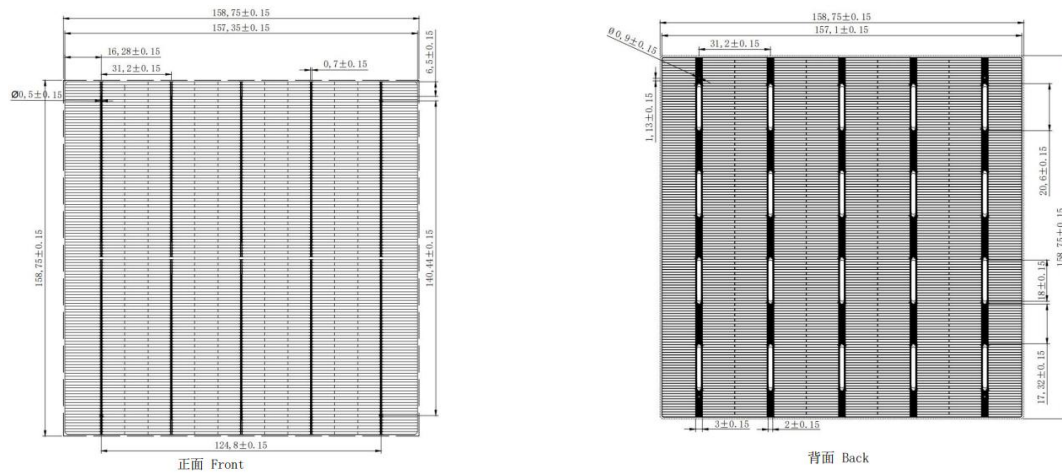
苏州斐尔西科技有限公司

Suzhou Fly Solar Technology Co., Ltd

158.75 单晶电池规格书

Data sheet for 158.75mm mono cells

产品外观 Product appearance



电池参数 Cell parameters

主栅 Front Busbar	5BB*0.7mm 2分段半片 5BB*0.7mm solid*two segments and half-cell
副栅 Finger	122线 122 fingers
背极 Back Busbar	电极分段 5*4, 宽度*长度: 1.5mm*18mm Segmented electrodes 5*4, width* length: 1.5mm*18mm
背场 Al-BSF	140线, 蓝色抗反射膜(氮化硅) 140 fingers, blue anti reflecting coating (silicon nitride)
尺寸/厚度 Dimension/thickness	158.75mm*158.75mm ± 0.25mm/160+20um/-10um

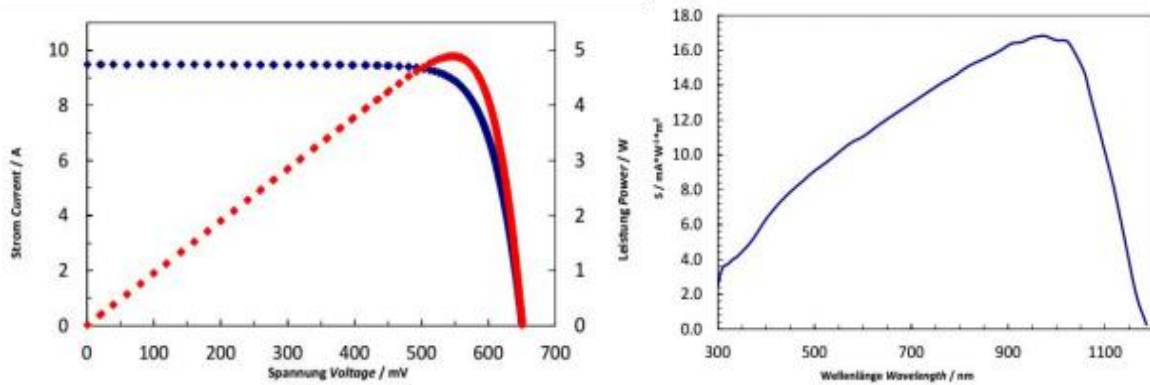
温度系数 Temperature coefficients

TkVoltage	-0.36 %/°C
TkCurrent	+0.06 %/°C

TkPower

-0.36 %/°C

IV curve



电性能参数 Electrical Characteristics

EFF CODE	功率 P_{mpp} (W)	最大功率电流 I_{mpp} (A)	最大功率电压 U_{mpp} (V)	短路电流 I_{sc} (A)	开路电压 U_{oc} (V)
22.60%-22.70%	5.69	9.768	0.583	10.212	0.67
22.50%-22.60%	5.67	9.749	0.582	10.189	0.67
22.40%-22.50%	5.64	9.728	0.58	10.173	0.669
22.30%-22.40%	5.62	9.706	0.579	10.152	0.669
22.20%-22.30%	5.59	9.681	0.577	10.12	0.668
22.10%-22.20%	5.57	9.665	0.576	10.098	0.668
22.00%-22.10%	5.54	9.652	0.574	10.082	0.667
21.90%-22.00%	5.52	9.634	0.573	10.058	0.667
21.80%-21.90%	5.49	9.618	0.571	10.031	0.666
21.70%-21.80%	5.47	9.613	0.569	10.007	0.666
21.60%-21.70%	5.44	9.594	0.567	9.979	0.665
21.50%-21.60%	5.42	9.593	0.565	9.97	0.664