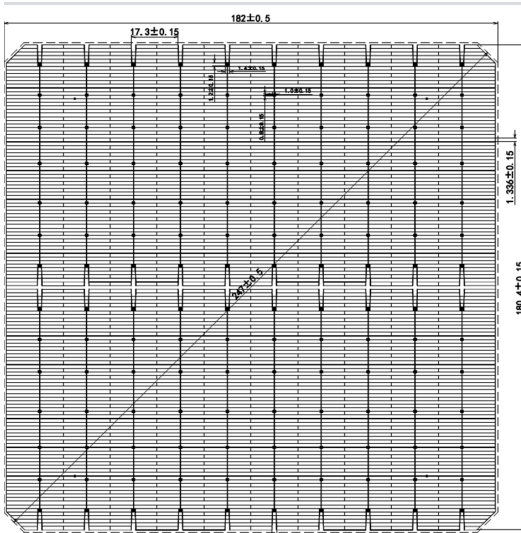
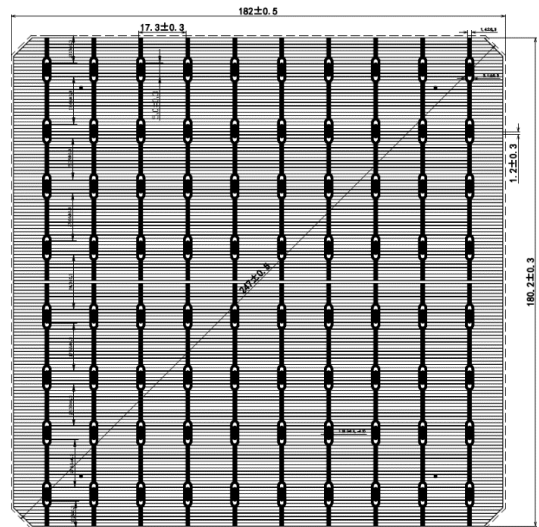


SR-10B182MPERC-B 182-91mm 10BB单晶PERC双面半片



正面



背面

尺寸:182mm×182mm±0.5mm, 对角247mm±0.5mm

厚度: 180±18 μm

正面: 10*0.06mm±0.03mm 主栅线(银), 136±10根副栅线, 蓝(深蓝)色抗反射膜(氮化硅)

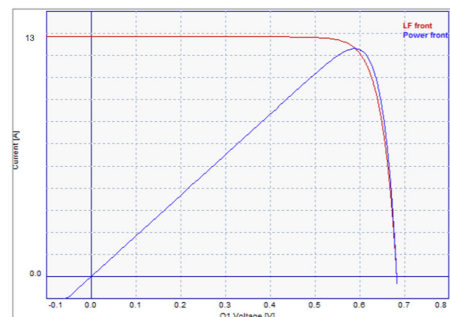
背面 (+): 背电极宽度(银)1.4mm±0.3mm, 背面覆盖铝栅线

温度系数

TkVoltage	-0.36%/K
TkCurrent	+0.07%/K
TkPower	-0.38%/K

Rsh≥35Ω, Irev2<0.8A

IV 曲线



电性能参数

效率(%)	最大输出功率(W)	最大输出电压(V)	最大输出电流(A)	开路电压(V)	短路电流(A)	填充因子(%)
22.8	7.53	0.577	13.046	0.677	13.695	81.19
22.7	7.49	0.577	12.989	0.677	13.635	81.19
22.6	7.46	0.576	12.954	0.675	13.617	81.18
22.5	7.43	0.574	12.941	0.673	13.597	81.18
22.4	7.40	0.573	12.906	0.672	13.558	81.17
22.3	7.36	0.573	12.849	0.669	13.558	81.17
22.2	7.33	0.572	12.814	0.668	13.519	81.16
22.1	7.30	0.572	12.756	0.668	13.461	81.14
22.0	7.26	0.572	12.698	0.667	13.436	81.05
21.9	7.23	0.571	12.662	0.667	13.393	80.94
21.8	7.20	0.569	12.649	0.666	13.366	80.85
21.7	7.16	0.567	12.635	0.665	13.342	80.75
21.6	7.13	0.565	12.622	0.664	13.318	80.64
21.5	7.10	0.564	12.586	0.662	13.313	80.54

标准测试条件: 1000W/m², AM1.5, 25°C,

背面电性能参数

Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	Uoc(V)	Isc(A)
>16.00	5.35	0.5884	9.090	0.6788	9.660
15.50-16.00	5.35	0.5782	9.250	0.6688	9.876
15.00-15.50	5.35	0.5721	9.349	0.6650	9.921
<15.00	5.35	0.5657	9.455	0.6592	9.951

标准测试条件: 1000W/m², AM1.5, 25°C,

光强可靠性

Intensity (W/m ²)	Uoc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

以 1000W/m² 测试的 Voc(Isc) 为标准, 测试 Voc(Isc) 随光强下降的幅度。