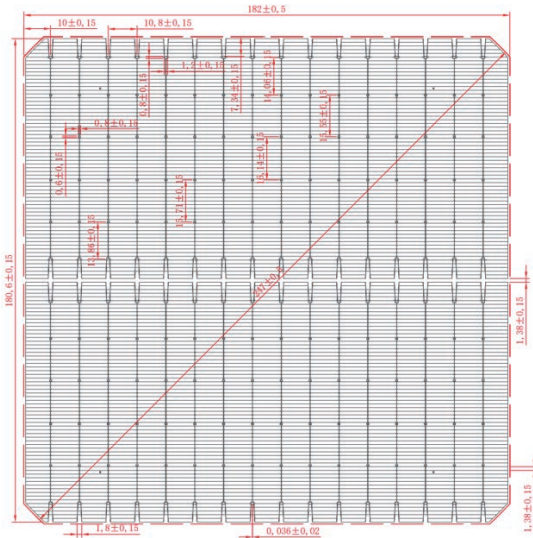
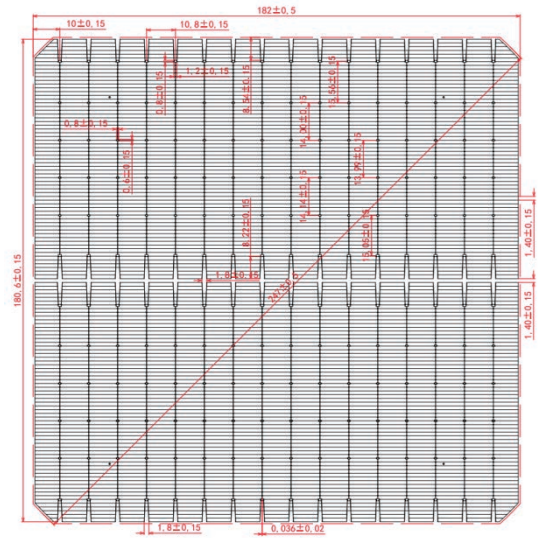


SR-16B182 N Type



正面



背面

尺寸: 182mm×182mm±0.5mm, Φ247mm±0.5mm

厚度: 130±13μm

正面 (-): 16*0.036±0.02mm 主栅线(银), 132根副栅线, 蓝(深蓝)色抗反射膜(氮化硅)

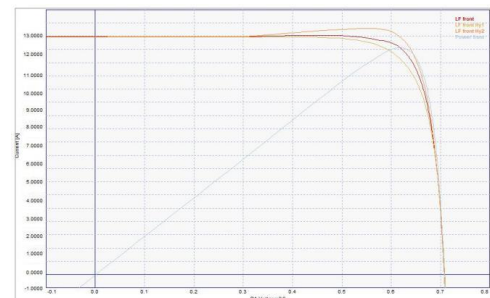
背面 (+): 16*0.036±0.02mm 主栅线(银), 130根副栅线, 蓝(深蓝)色抗反射膜(氮化硅)

温度系数

TkVoltage	-0.26 %/K
TkCurrent	+0.046%/K
TkPower	-0.32%/K

Rsh≥35Ω, Irev2≤1A

IV 曲线



电性能参数

Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (A)	FF(%)
24.7	8.155	0.622	13.111	0.712	13.787	93.11
24.6	8.122	0.620	13.091	0.711	13.776	93.03
24.5	8.089	0.619	13.068	0.709	13.759	82.92
24.4	8.056	0.617	13.031	0.707	13.755	82.81
24.3	8.023	0.617	12.999	0.705	13.752	82.72
24.2	7.990	0.615	12.992	0.703	13.750	82.62
24.1	7.957	0.614	12.960	0.701	13.734	82.59
24	7.924	0.612	12.948	0.699	13.730	82.53
23.9	7.891	0.610	12.936	0.698	13.707	82.44
23.8	7.858	0.608	12.925	0.697	13.687	82.35
23.7	7.825	0.606	12.913	0.696	13.663	82.26
23.6	7.792	0.604	12.901	0.695	13.643	82.14
23.5	7.759	0.602	12.889	0.694	13.615	82.09
23.4	7.726	0.600	12.877	0.693	13.592	81.99
23.3	7.693	0.598	12.865	0.692	13.577	81.85

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)	U _{oc} (V)	I _{sc} (A)
>20.5%	6.703	0.586	11.43	0.692	12.734
20.3%-20.5%	6.670	0.585	11.41	0.691	12.690
20.1%-20.3%	6.637	0.584	11.37	0.690	12.645
<20.1%	6.604	0.582	11.34	0.689	12.625

标准测试条件: 1000W/m², AM1.5, 25°C

光强可靠性

Intensity (W/m ²)	U _{oc}	I _{sc}
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, AM1.5, 25°C) 测试的 U_{oc}(I_{sc}) 为标准, 测试 U_{oc}(I_{sc}) 随光强下降的幅度。