

TONGWEI

TNC-M10

N型太阳能双面电池



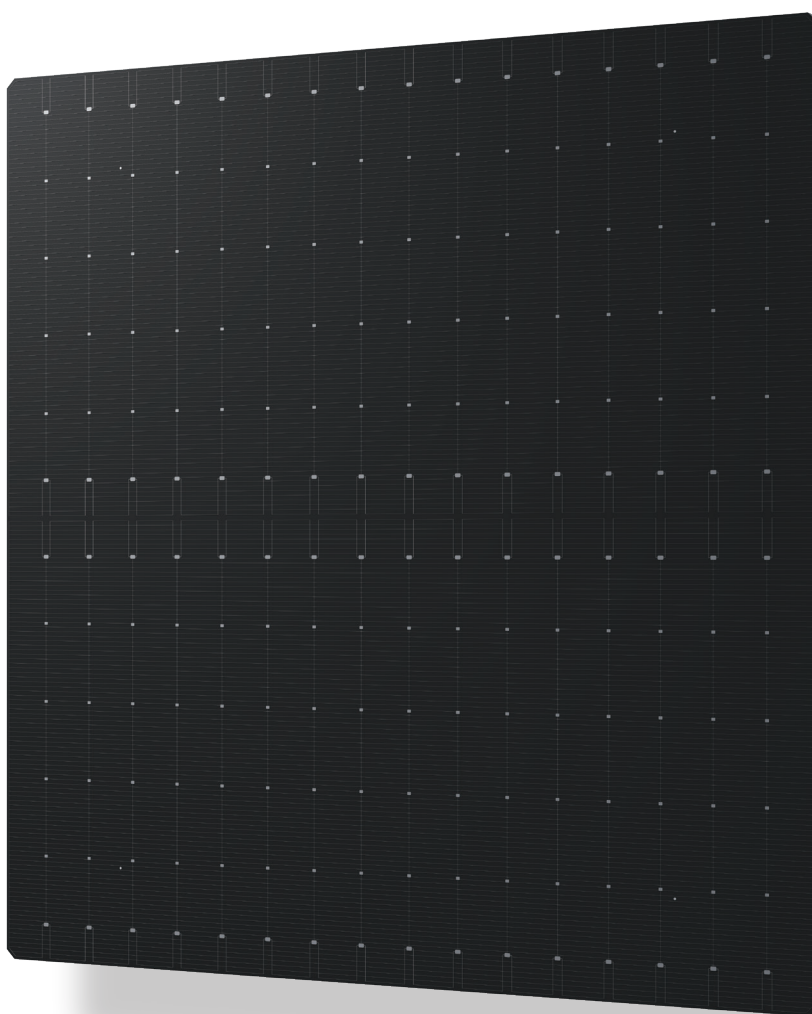
更高的效率



优异的品质

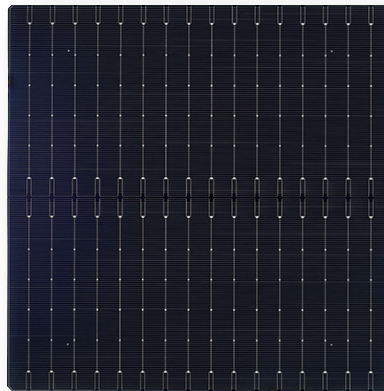
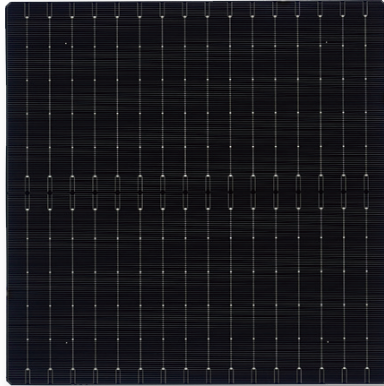


卓越的可靠性

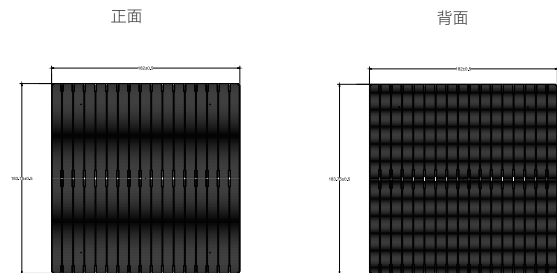


<https://en.tongwei.cn/cell.html>

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产品外观 (mm)



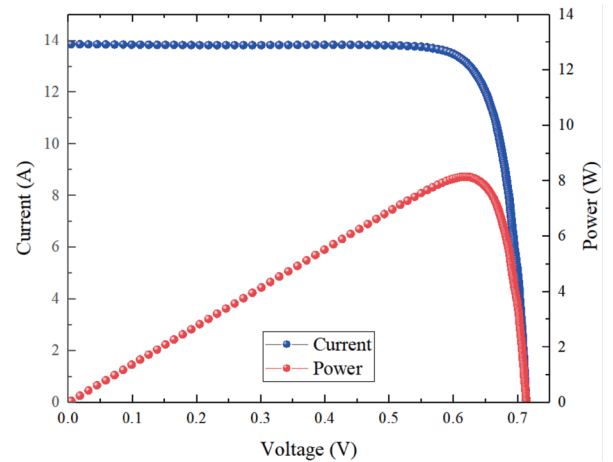
产品设计

尺寸	182mm*183.75mm±0.5mm	TkVoltage: $-(0.25\pm 0.01)\%/K$
厚度	130±13μm	TkCurrent: $+(0.04\pm 0.004)\%/K$
正面	16主栅线(银), 192根副栅线 蓝色抗反射膜(氮化硅)	TkPower: $-(0.29\pm 0.025)\%/K$
背面	16主栅线(银), 200根副栅线 蓝色抗反射膜(氮化硅)	Rsh≥50Ω Irev2≤0.5A

正面电性能参数

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
25.7	8.60	0.635	13.550	0.722	14.119	84.38
25.6	8.57	0.634	13.525	0.721	14.101	84.28
25.5	8.54	0.633	13.488	0.720	14.087	84.15
25.4	8.50	0.632	13.454	0.719	14.066	84.06
25.3	8.47	0.631	13.423	0.719	14.031	83.95
25.2	8.43	0.630	13.387	0.718	14.005	83.88
25.1	8.40	0.629	13.359	0.717	13.983	83.79
25.0	8.37	0.628	13.325	0.716	13.969	83.66
24.9	8.33	0.628	13.272	0.715	13.956	83.51
24.8	8.30	0.627	13.236	0.714	13.936	83.42
24.7	8.27	0.626	13.203	0.713	13.917	83.32
24.6	8.23	0.625	13.174	0.711	13.910	83.26
24.5	8.20	0.623	13.163	0.709	13.906	83.18

IV 曲线



背面电性能参数

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
> 20.5	6.86	0.589	11.644	0.692	12.932	76.68
20.3-20.5	6.79	0.587	11.569	0.691	12.866	76.43
20.1-20.3	6.73	0.584	11.527	0.690	12.819	76.10
< 20.1	6.69	0.582	11.496	0.689	12.799	75.87

标准测试条件: 1000W/m², AM1.5, 25°C