

# TONGWEI

## G12-TPE

N型太阳能双面电池



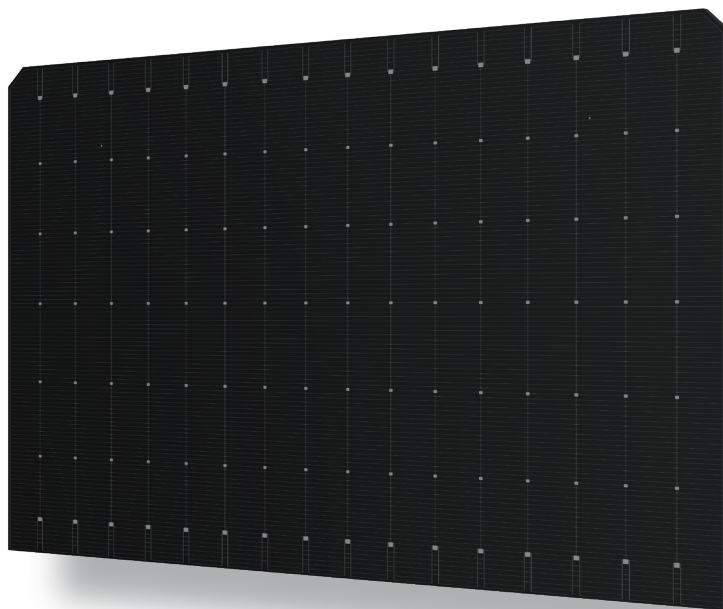
更高的效率



优异的品质

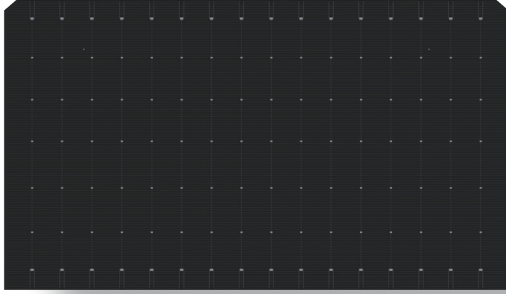


卓越的可靠性

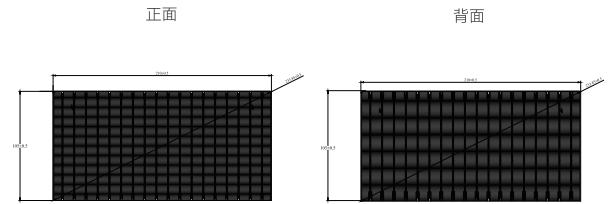


<https://en.tongwei.cn/cell.html>

# G12-TPE



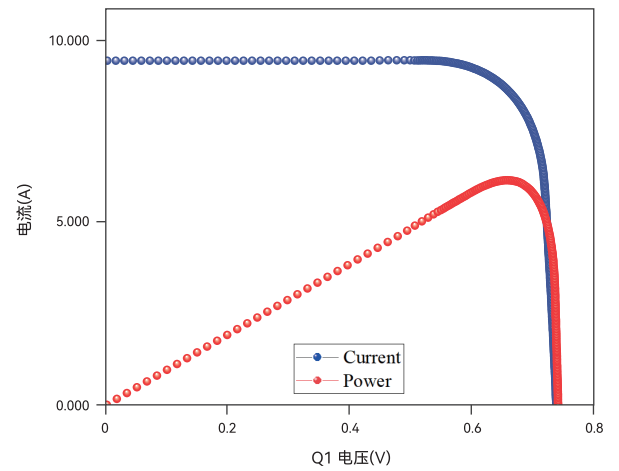
## 产品外观



## 产品设计

尺寸	210±0.5*105±0.5mm Φ233.85±0.5mm	TkVoltage: -(0.25±0.01)%/K
厚度	130±13μm	TkCurrent: +(0.04±0.004)%/K
正面	18主栅(银), 120根副栅 蓝色抗反射膜(氮化硅)	TkPower: -(0.29±0.025)%/K
背面	18主栅(银), 116根副栅 蓝色抗反射膜(氮化硅)	Rsh≥50Ω, Irev2≤0.5A

## IV 曲线



## 正面电性能参数

Eff (%)	Pmpp (W)	Vmpp (V)	Imp (A)	Voc (V)	Isc (A)	FF (%)
26.3	5.80	0.639	9.078	0.739	9.302	84.36
26.2	5.78	0.638	9.056	0.738	9.299	84.19
26.1	5.75	0.637	9.031	0.737	9.296	83.99
26.0	5.73	0.636	9.015	0.736	9.293	83.81
25.9	5.71	0.635	8.994	0.735	9.289	83.63
25.8	5.69	0.634	8.973	0.734	9.286	83.46
25.7	5.67	0.633	8.952	0.733	9.282	83.29
25.6	5.64	0.632	8.931	0.732	9.277	83.12
25.5	5.62	0.631	8.91	0.731	9.273	82.95
25.4	5.60	0.63	8.889	0.73	9.267	82.78
25.3	5.58	0.629	8.868	0.729	9.264	82.60
25.2	5.56	0.628	8.847	0.728	9.257	82.45
25.1	5.53	0.627	8.826	0.727	9.254	82.25
25.0	5.51	0.626	8.805	0.726	9.250	82.08
24.9	5.49	0.625	8.784	0.725	9.244	81.92
24.8	5.47	0.624	8.763	0.724	9.239	81.74

## 背面电性能参数

Eff (%)	Pmpp (W)	Vmpp (V)	Imp (A)	Voc (V)	Isc (A)	FF (%)
≥21.5	4.74	0.590	8.035	0.700	8.523	79.45
21.0-21.5	4.63	0.588	7.874	0.699	8.507	77.86
20.5-21.0	4.52	0.587	7.700	0.698	8.475	76.41
< 20.5	4.41	0.585	7.538	0.697	8.453	74.85

标准测试条件: 1000W/m<sup>2</sup>, AM1.5, 25°C  
26.01.06