

TONGWEI

G12-TPE

N-Type Bifacial Solar Cell



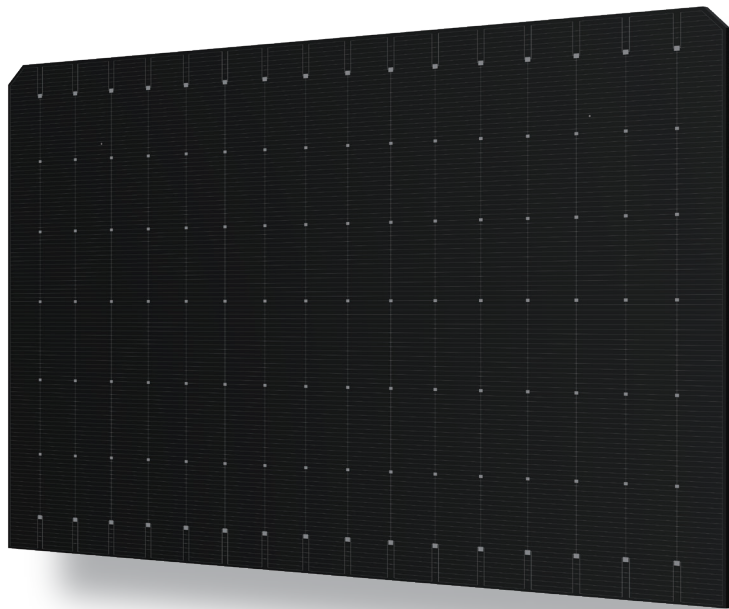
**High
Efficiency**



**Excellent
Quality**

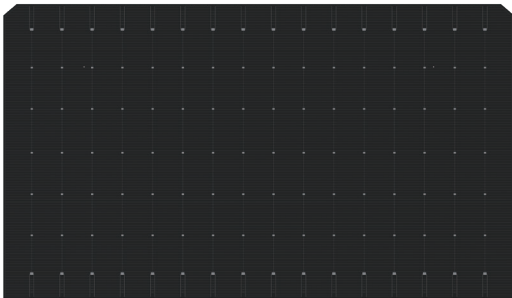


**Prominent
Reliability**

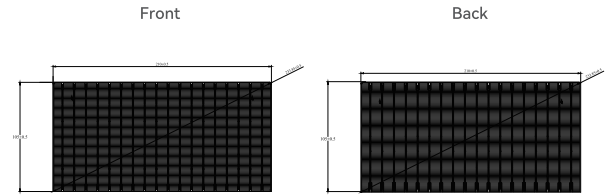


<https://en.tongwei.cn/cell.html>

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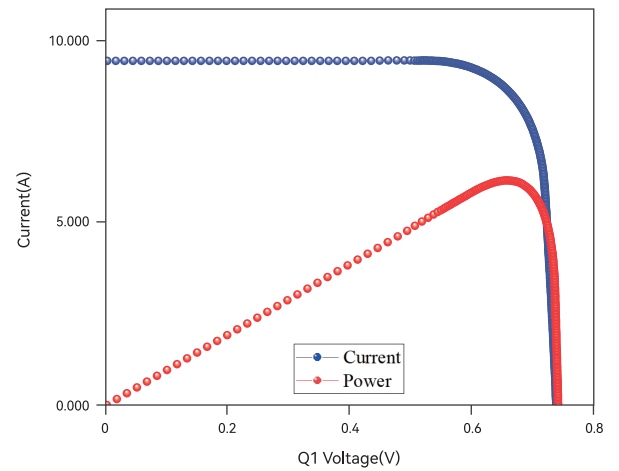
Product Appearance



Product Design

Dimension	210±0.5*105±0.5mm Φ233.85±0.5mm	TkVoltage: -(0.25±0.01)%/K
Thickness	130±13μm	TkCurrent: +(0.04±0.004)%/K
Front	18 busbars (silver), 120 fingers Blue anti-reflective coating (silicon nitride)	TkPower: -(0.29±0.025)%/K
Back	18 busbars (silver), 116 fingers Blue anti-reflective coating (silicon nitride)	Rsh≥50Ω, Irev2±0.5A

IV Curve



Front Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (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

Back Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (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

STC (Standard Testing Conditions): 1000W/m², AM1.5, 25°C
26.01.06