

TONGWEI

TNC 2.0

TNC 2.0-G12

N-Type Bifacial Solar Cell | TW210-218J-TP



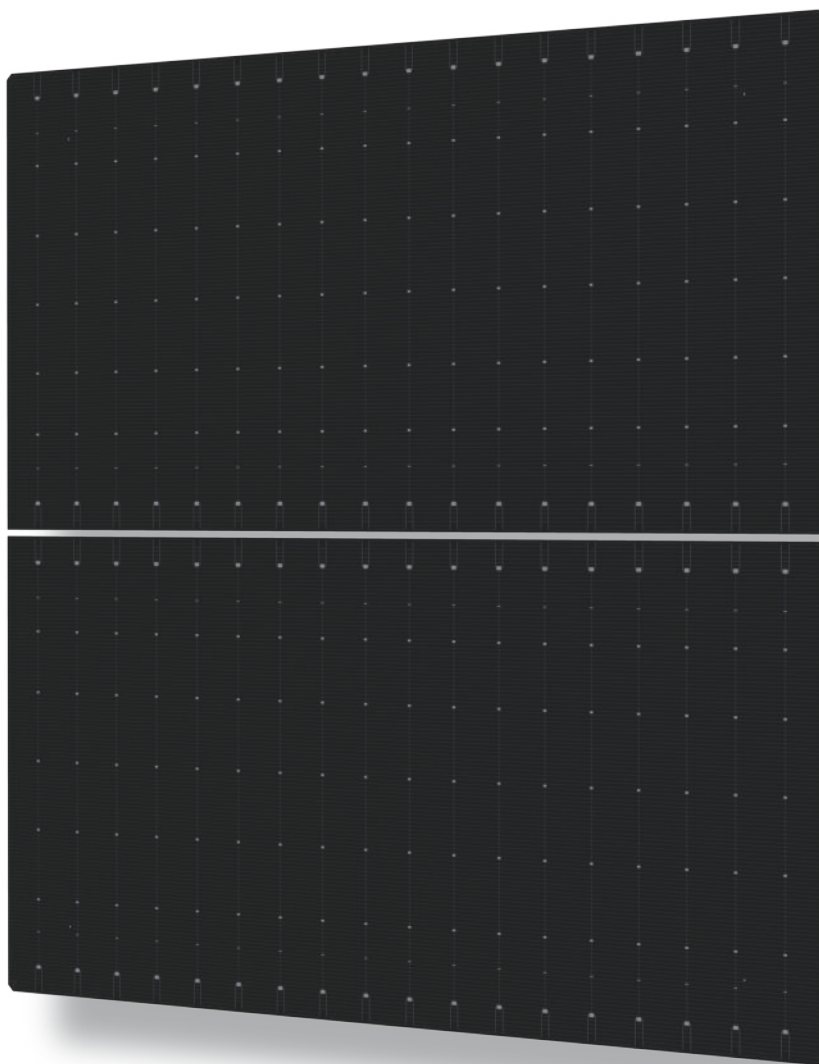
**High
Efficiency**



**Excellent
Quality**



**Prominent
Reliability**



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

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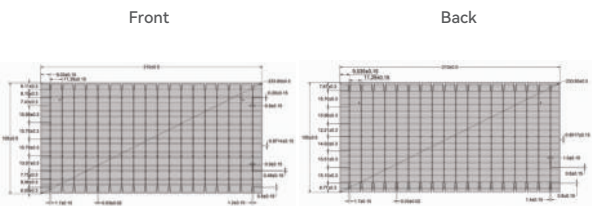
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Front Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
26.4	5.82	0.656	8.871	0.744	9.281	84.28
26.3	5.80	0.656	8.841	0.742	9.277	84.25
26.2	5.78	0.655	8.821	0.742	9.252	84.16
26.1	5.75	0.655	8.786	0.742	9.245	83.89
26.0	5.73	0.655	8.753	0.741	9.231	83.82
25.9	5.71	0.655	8.719	0.741	9.229	83.51
25.8	5.69	0.655	8.684	0.741	9.223	83.23
25.7	5.67	0.654	8.664	0.741	9.219	82.95
25.6	5.64	0.654	8.631	0.740	9.214	82.79
25.5	5.62	0.654	8.597	0.740	9.202	82.57
25.4	5.60	0.654	8.562	0.740	9.202	82.23
25.3	5.58	0.653	8.544	0.740	9.193	82.01
25.2	5.56	0.653	8.510	0.739	9.186	81.86
25.1	5.53	0.653	8.475	0.739	9.180	81.58

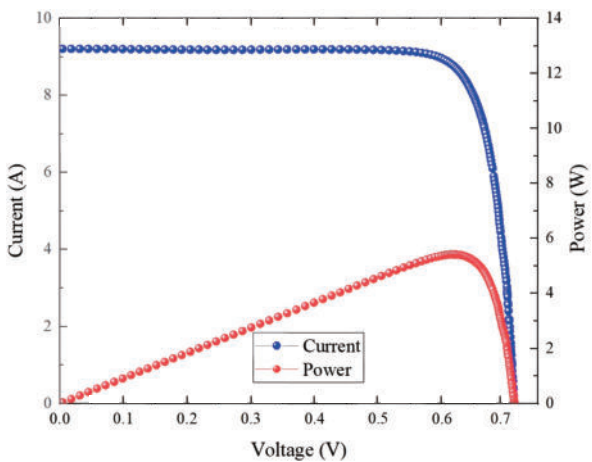
Product Appearance(mm)



Product Design

Dimension	210*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



Back Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
≥ 21.5	4.74	0.622	7.621	0.723	8.031	81.64
21.0~21.5	4.63	0.620	7.468	0.723	8.022	79.83
20.5~21.0	4.52	0.619	7.303	0.722	8.016	78.11
< 20.5	4.41	0.617	7.147	0.721	8.007	76.38

STC (Standard Testing Conditions): 1000W/m², AM1.5, 25°C
26.08.05