

TONGWEI

TNC

TNC-G12

N-Type Bifacial Solar Cell | TW210-218J



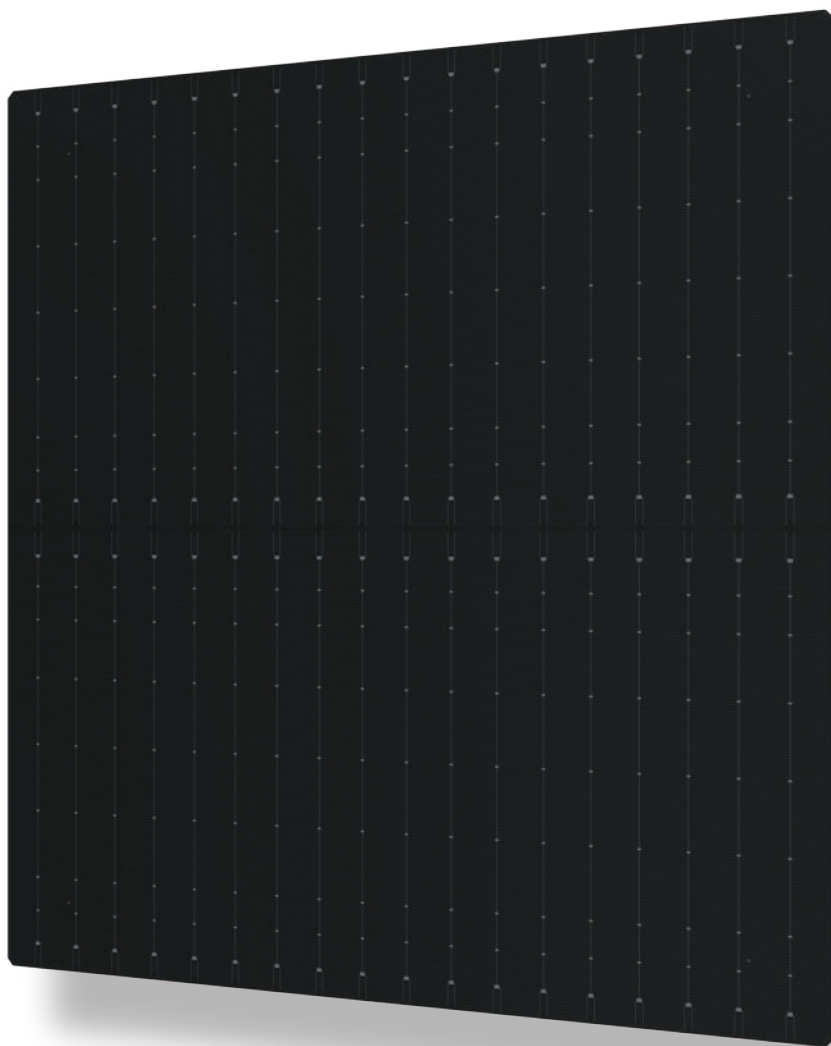
**High
Efficiency**



**Excellent
Quality**



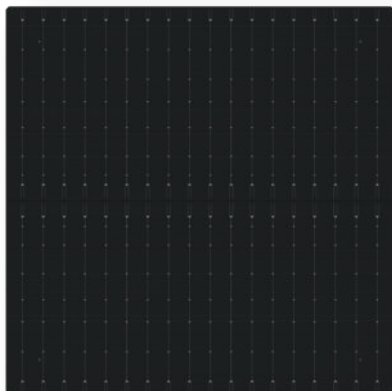
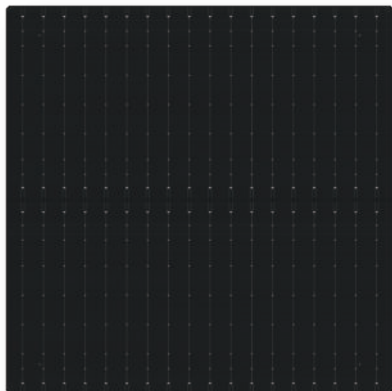
**Prominent
Reliability**



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

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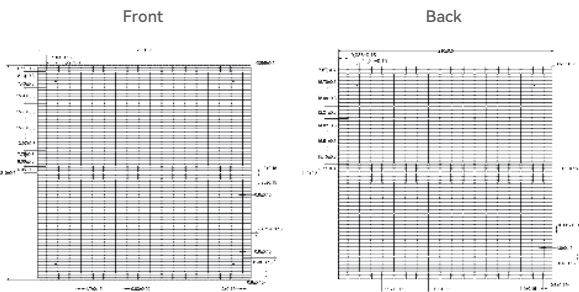
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Front Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
26.4	11.64	0.657	17.719	0.736	18.515	85.43
26.3	11.60	0.657	17.652	0.736	18.503	85.16
26.2	11.55	0.656	17.611	0.736	18.484	84.92
26.1	11.51	0.656	17.544	0.736	18.469	84.67
26.0	11.46	0.656	17.477	0.735	18.442	84.58
25.9	11.42	0.656	17.410	0.735	18.437	84.28
25.8	11.38	0.656	17.342	0.735	18.426	84.00
25.7	11.33	0.655	17.302	0.735	18.417	83.72
25.6	11.29	0.655	17.235	0.734	18.408	83.55
25.5	11.24	0.655	17.167	0.734	18.394	83.28
25.4	11.20	0.655	17.100	0.734	18.383	83.01
25.3	11.16	0.654	17.058	0.734	18.366	82.76
25.2	11.11	0.654	16.991	0.733	18.351	82.61
25.1	11.07	0.654	16.923	0.733	18.339	82.33

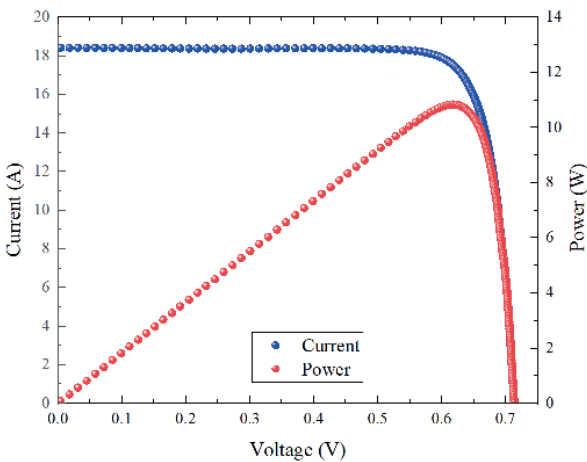
Product Appearance (mm)



Product Design

Dimension	210mm*210mm±0.5mm Φ295±0.5mm	TkVoltage: $-(0.25 \pm 0.01)\%/K$
Thickness	130±13μm	TkCurrent: $+(0.04 \pm 0.004)\%/K$
Front	18 busbars (silver), 240 fingers Anti-reflective coating (silicon nitride)	TkPower: $-(0.29 \pm 0.025)\%/K$
Back	18 busbars (silver), 232 fingers Anti-reflective coating (silicon nitride)	Rsh≥50Q Irev2≤0.5A

IV Curve



Back Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
≥ 21.5	9.48	0.621	15.266	0.722	16.052	81.80
21.0~21.5	9.26	0.619	14.960	0.722	16.034	79.99
20.5~21.0	9.04	0.618	14.628	0.721	16.022	78.26
< 20.5	8.82	0.616	14.317	0.72	16.004	76.54

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

26.08.05

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Statement: With technological progress and product iteration, deviations may exist between the technical parameters of Tongwei's cell products and those stated in the specification. Tongwei reserves the right to adjust technical parameters at any time without prior notice to customers. The final interpretation of the technical specification shall vest in Tongwei.