

TONGWEI

TNC 2.0

TNC 2.0-G12R

N-Type Bifacial Solar Cell | TW210-216N-TP



**High
Efficiency**



**Excellent
Quality**



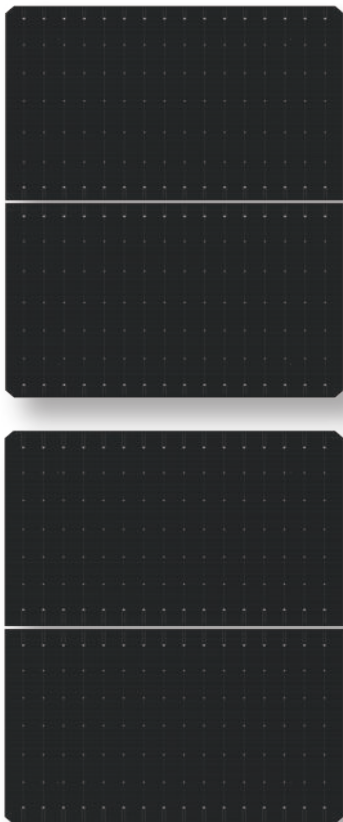
**Prominent
Reliability**



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

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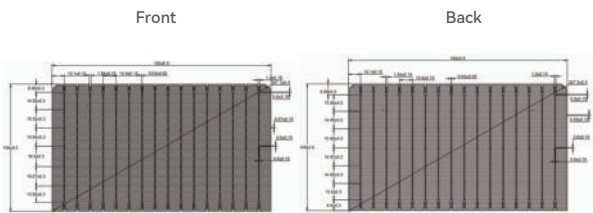
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Front Electrical Performance Parameters

Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
26.7	5.10	0.633	8.053	0.740	8.215	83.84
26.6	5.08	0.633	8.023	0.740	8.191	83.79
26.5	5.06	0.632	8.005	0.739	8.177	83.73
26.4	5.04	0.632	7.975	0.739	8.156	83.62
26.3	5.02	0.631	7.958	0.739	8.138	83.49
26.2	5.00	0.630	7.940	0.739	8.118	83.37
26.1	4.98	0.629	7.922	0.739	8.106	83.18
26.0	4.96	0.628	7.904	0.738	8.100	83.03
25.9	4.94	0.627	7.879	0.738	8.086	82.85
25.8	4.93	0.626	7.869	0.738	8.070	82.72
25.7	4.91	0.625	7.851	0.737	8.062	82.58
25.6	4.89	0.624	7.833	0.737	8.050	82.39
25.5	4.87	0.623	7.815	0.737	8.043	82.12
25.4	4.85	0.622	7.796	0.737	8.031	81.94
25.3	4.83	0.621	7.778	0.736	8.026	81.77

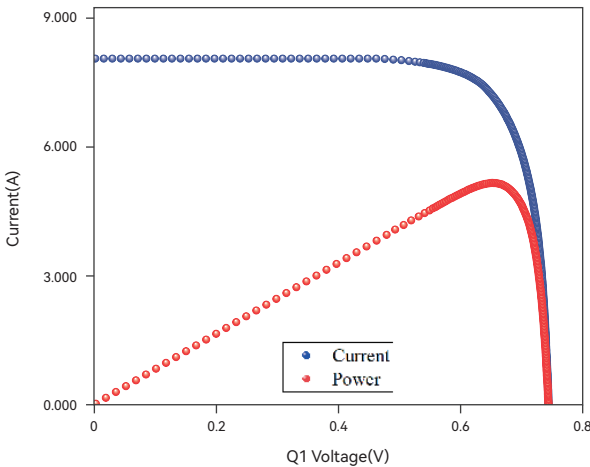
Product Appearance(mm)



Product Design

Dimension	182±0.5*105±0.5mm Φ207.3±0.5mm	TkVoltage: $-(0.25\pm0.01)\%/K$
Thickness	130±13μm	TkCurrent: $+(0.04\pm0.004)\%/K$
Front	16 busbars (silver), 155 fingers Blue anti-reflective coating (silicon nitride)	TkPower: $-(0.29\pm0.025)\%/K$
Back	16 busbars (silver), 126 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 (%)
> 22.5	4.36	0.590	7.387	0.701	7.2932	85.28
21.5-22.0	4.13	0.580	7.117	0.695	7.2697	81.80
21.0-21.5	4.03	0.571	7.054	0.695	7.1954	80.63
< 21.0	3.95	0.565	6.988	0.693	7.1534	79.71

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.