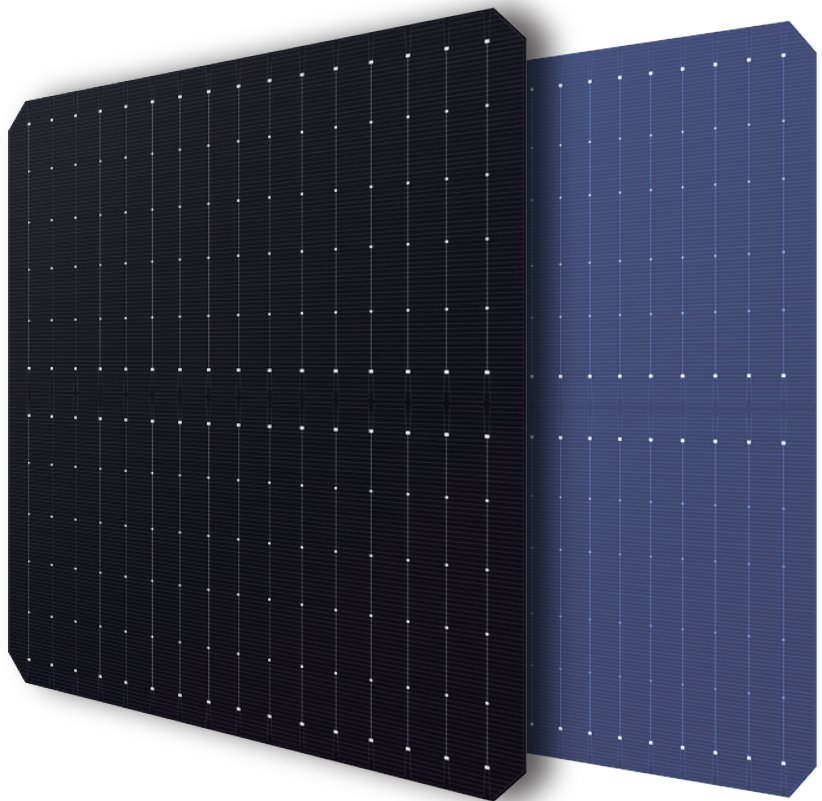


# N183.75-16B-11-BAJ

## N-type TOPCon High-efficiency Bifacial Cell



### Technical Data and Design

Cell model	N183.75-16B-11-BAJ
Size	182.2mm*183.75mm±0.5mm Φ247mm±0.5mm
Thickness	130±13μm
Front	BusBar(Ag), Blue (navy) antireflection layer(SiNx) Carrier Injection Firing
Rear	Rear BusBar(Ag), Passivation layer(SiNx)

### Temperature Coefficient

TkVoltage	-0.26%/K
TkCurrent	+0.046%/K
TKPower	-0.29%/K

### Weldability

Minimum Peel Resistance	≥0.5N/mm
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Results may vary depending on the solder tape, welding method, and conditions.

## Frontal Electrical Performance Parameters

Efficiency code	Eff (%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)	FF (%)
BAJ-183.75N-253	25.30	8.426	0.644	13.085	0.736	13.886	82.47
BAJ-183.75N-252	25.20	8.393	0.643	13.060	0.735	13.865	82.36
BAJ-183.75N-251	25.10	8.360	0.641	13.034	0.734	13.843	82.25
BAJ-183.75N-250	25.00	8.326	0.640	13.009	0.733	13.821	82.14
BAJ-183.75N-249	24.90	8.293	0.639	12.984	0.733	13.799	82.04
BAJ-183.75N-248	24.80	8.260	0.637	12.959	0.732	13.777	81.93
BAJ-183.75N-247	24.70	8.226	0.636	12.934	0.731	13.760	81.78
BAJ-183.75N-246	24.60	8.193	0.635	12.908	0.730	13.743	81.64
BAJ-183.75N-245	24.50	8.160	0.633	12.883	0.729	13.726	81.50
BAJ-183.75N-244	24.40	8.126	0.632	12.858	0.729	13.709	81.36
BAJ-183.75N-243	24.30	8.093	0.631	12.833	0.728	13.692	81.21
BAJ-183.75N-242	24.20	8.060	0.629	12.808	0.727	13.675	81.07

Standard test conditions: 1000W/m<sup>2</sup>, AM1.5, 25°C.

The above technical parameters are subject to technical changes and tests, and Yangzhou Bangjie solar Technology Co., Ltd reserves the right of final interpretation.

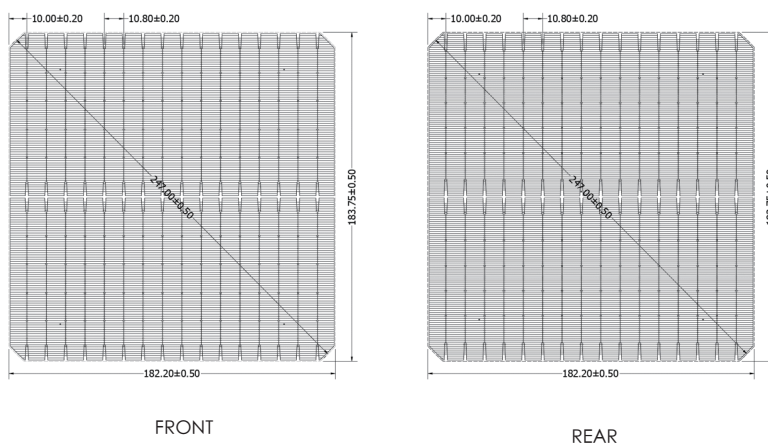
## Back Electrical Performance Parameters

Efficiency code	Eff (%)	Pmpp (W)	Umpp (V)	Impp (A)	Uoc (V)	Isc (A)
BAJ-183.75N-20.3	>20.5	6.762	0.627	10.784	0.725	11.486
BAJ-183.75N-20.2	20.3-20.5	6.729	0.626	10.749	0.724	11.441
BAJ-183.75N-20.1	20.1-20.3	6.695	0.625	10.712	0.723	11.396
BAJ-183.75N-20.0	<20.1	6.662	0.624	10.676	0.722	11.351

Standard test conditions: 1000W/m<sup>2</sup>, AM1.5, 25°C.

The above technical parameters are subject to technical changes and tests, and Yangzhou Bangjie solar Technology Co., Ltd reserves the right of final interpretation.

## Product Appearance



## Light Intensity Reliability

Intensity(W/m <sup>2</sup> )	Uoc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

The Uoc (Isc) tested at (1000W/m<sup>2</sup>, AM1.5, 25°C) was used as the standard to test the magnitude of Uoc(Isc) decrease with light intensity

## IV Curve

