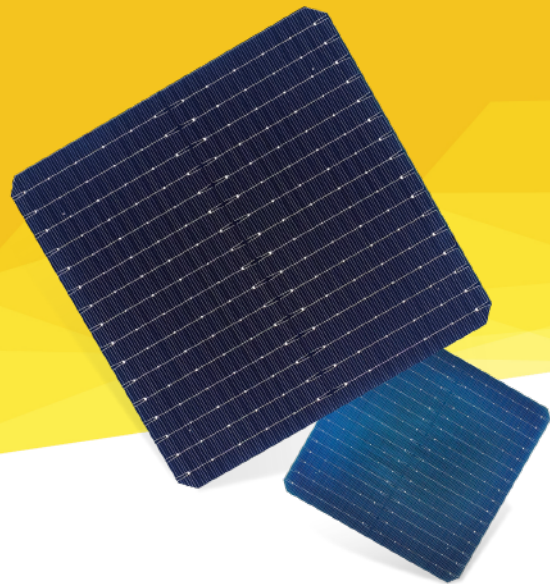




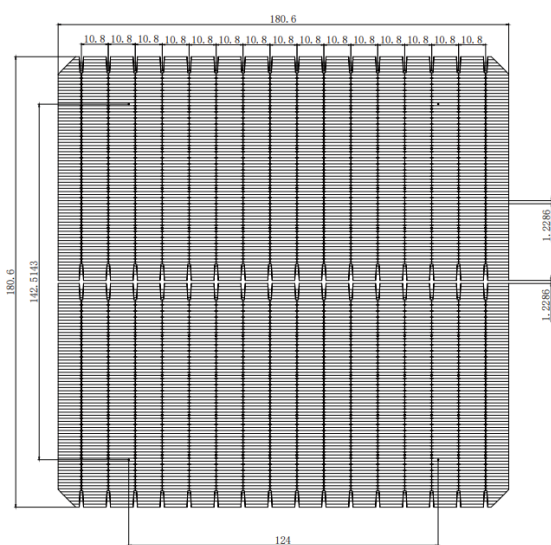
N-TOPCon 182mm 16BB Bifacial Solar Cell

**Max Efficiency 25.0%**

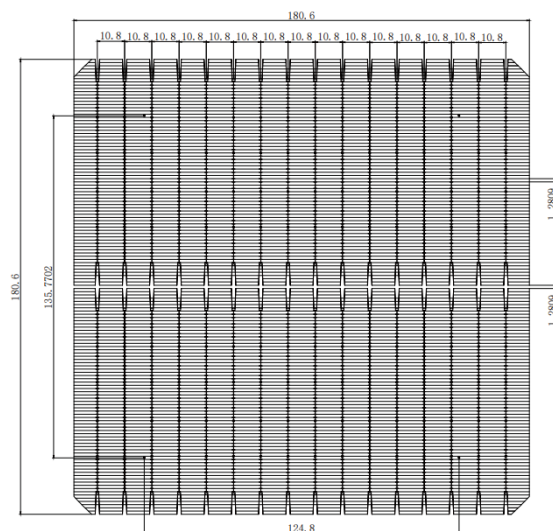
Product Technical Specifications CC005



**PRODUCT APPEARANCE CC-ZC-PS-05**



Front



Back

**TECHNICAL DATA& DESIGN**

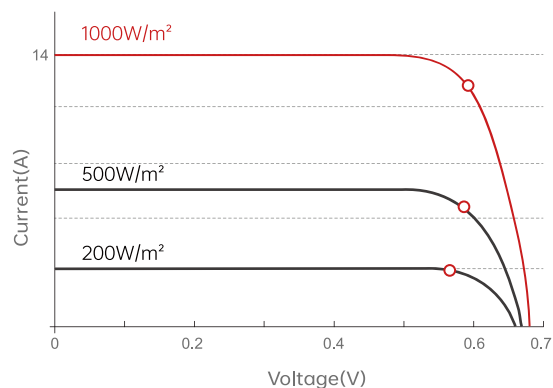
Dimension:	182mmx182mm±0.25mm, Φ247mm±0.25mm	Tk Voltage:	-0.25 %/K
Thickness:	140±20µm	Tk Current:	+0.045%/K
Front(-):	16*0.03±0.015mm busbars (silver),148 fingers, blue anti-reflecting coating (silicon nitride)	Tk Power:	-0.30%/K
Back(+):	16*0.03±0.015mm busbars (silver), 142 fingers, blue anti-reflecting coating (silicon nitride)	/	

## LIGHT INTENSITY

Intensity(W/m <sup>2</sup> )	Uoc	Isc
1000	1.000	1.000
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4
200	0.93	0.2

Voc(Isc) measured at 1000W/m<sup>2</sup>, the extent of Voc(Isc) decreasing with light intensity.

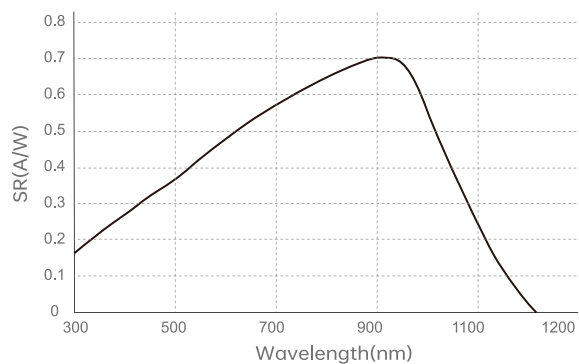
## IV CURVE



## PACKING CONFIGURATION (40'HC)

Packaging size	495±5mm * 320±5mm * 250±5mm	
Weight	10 g/pcs	18 kg/package
Quantity	1680 pcs/package	24 packages/pallet
	22 pallets/container	887040 pcs

## SPECTRAL RESPONSE



## ELECTRICAL CHARACTERISTICS

Efficiency Eta (%)	Maximum Power Pmpp (W)	Maximum Voltage Umpp (V)	Maximum Current Impp (A)	Open Circuit Voltage Uoc (V)	Short Circuit Voltage Isc (A)	Fill Factor FF (%)
Eta25.0%	8.25	0.634	13.027	0.720	13.719	83.56
Eta24.9%	8.22	0.632	13.016	0.719	13.699	83.46
Eta24.8%	8.19	0.630	13.005	0.718	13.680	83.26
Eta24.7%	8.16	0.628	12.993	0.717	13.660	83.26
Eta24.6%	8.12	0.626	12.982	0.716	13.640	83.16
Eta24.5%	8.09	0.624	12.971	0.715	13.620	83.06
Eta24.4%	8.06	0.622	12.960	0.714	13.600	82.96
Eta24.3%	8.02	0.620	12.948	0.713	13.579	82.86
Eta24.2%	7.99	0.618	12.937	0.712	13.559	82.76
Eta24.1%	7.96	0.616	12.925	0.711	13.538	82.66
Eta24.0%	7.92	0.614	12.913	0.710	13.517	82.56

STC (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 °C , Spectra at AM1.5.

The Above Technical Parameters are Subject to Technical Changes and Tests, Qn-SOLAR PV LIMITED Reserves the Right of Final Interpretation.



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