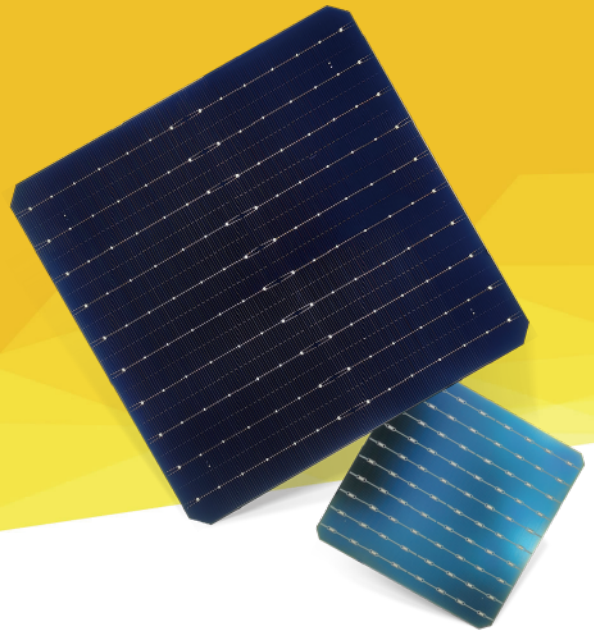




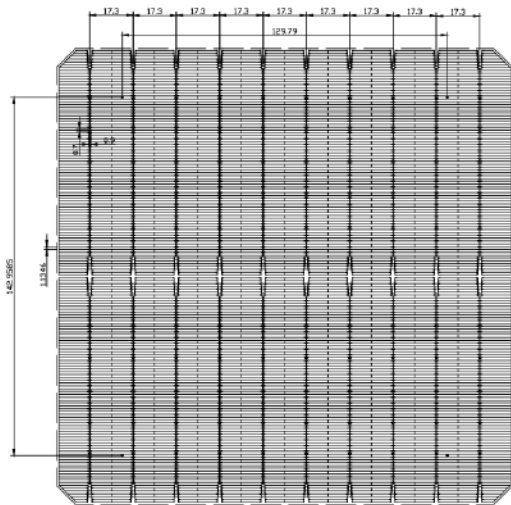
PERC 182mm 10BB Bifacial Solar Cell

Max Efficiency 23.3%

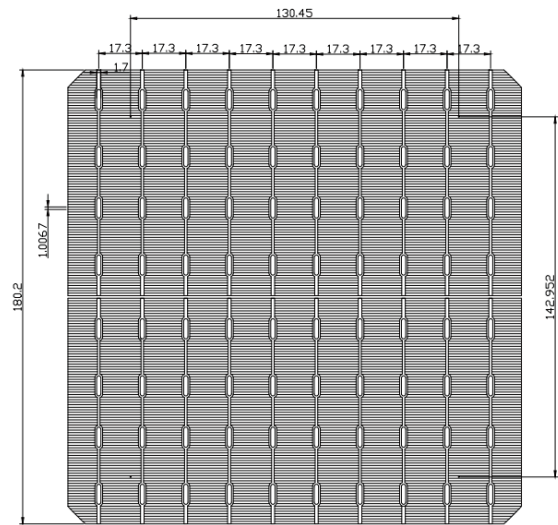
Product Technical Specifications CC002



PRODUCT APPEARANCE CC-ZC-PS-02



Front



Back

TECHNICAL DATA& DESIGN

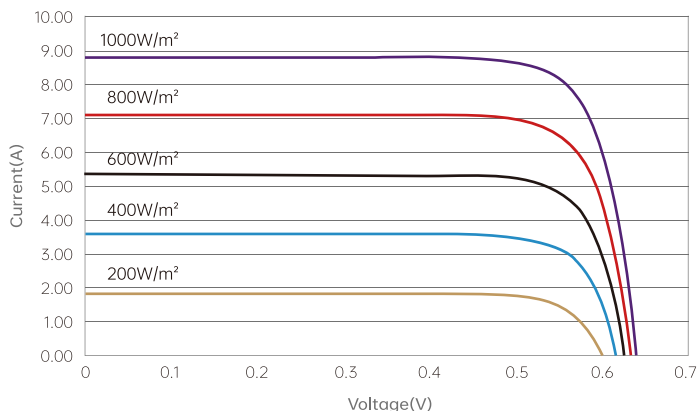
Dimension	182mm*182mm±0.5mm	Tk Voltage: -0.36 %/K
Thickness	150±20µm	Tk Current: +0.07%/K
Front(-)	10*0.06mm busbars (silver), 160 fingers, blue anti-reflecting coating (silicon nitride)	Tk Power: -0.38%/K
Back(+)	1.9mm wide soldering pads (silver), 180 fingers, blue anti-reflecting coating (silicon nitride)	Rsh ≥ 50 Ω , Irev2 ≤ 1A

LIGHT INTENSITY

Intensity(W/m ²)	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/m², the extent of Voc(Isc) decreasing with light intensity.

IV CURVE



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 (%)
Eta23.30%	7.69	0.596	12.91	0.6866	13.71	81.72
Eta23.20%	7.66	0.594	12.89	0.6860	13.68	81.62
Eta23.10%	7.63	0.592	12.88	0.6854	13.65	81.51
Eta23.00%	7.59	0.590	12.87	0.6849	13.62	81.41
Eta22.9%	7.56	0.588	12.87	0.6843	13.59	81.30
Eta22.8%	7.53	0.586	12.88	0.6836	13.56	81.48
Eta22.7%	7.49	0.584	12.88	0.6831	13.53	81.44
Eta22.6%	7.46	0.582	12.87	0.6829	13.48	81.39
Eta22.5%	7.43	0.581	12.82	0.6817	13.44	81.32
Eta22.4%	7.40	0.579	12.82	0.6814	13.39	81.27

SOLDERABILITY

Peel Strength	≥0.9N
Results may be different depending on the conditions.	

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

STC (Standard Testing Conditions): Irradiance 1000W/m², 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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