



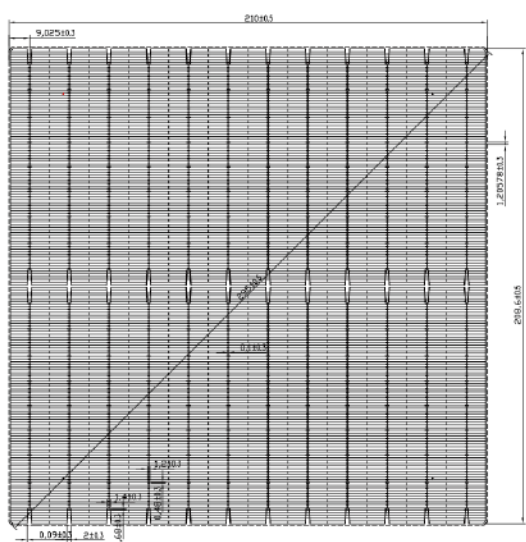
PERC 210mm 12BB Bifacial Solar Cell

Max Efficiency 22.8%

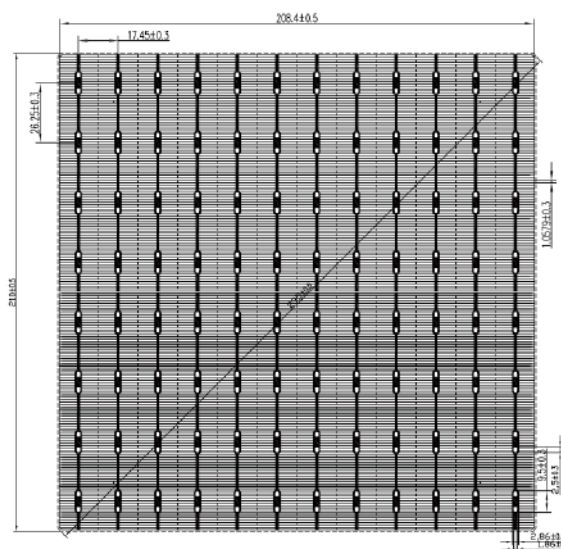
Product Technical Specifications CC006



PRODUCT APPEARANCE CC-ZC-PS-06



Front



Back

TECHNICAL DATA& DESIGN

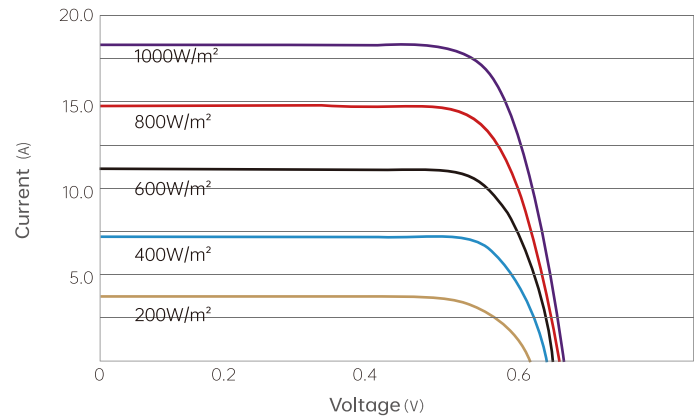
Dimension	210mm*210mm±0.5mm	Tk Voltage: -0.36 %/K
Thickness	170±20µm	Tk Current: +0.07%/K
Front(-)	12*0.1mm busbars (silver),174 fingers, blue anti-reflecting coating (silicon nitride)	Tk Power: -0.38%/K
Back(+)	1.60±0.3mm wide soldering pads (silver), 198 fingers , blue anti-reflecting coating (silicon 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



SOLDERABILITY

Peel Strength

≥ 0.9N

Results may be different depending on the conditions.

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 (%)
Eta22.8%	10.05	0.581	17.305	0.6827	18.0631	81.53
Eta22.7%	10.01	0.579	17.288	0.6822	18.0452	81.31
Eta22.6%	9.97	0.577	17.271	0.6816	17.9952	81.25
Eta22.5%	9.92	0.575	17.256	0.6802	17.9755	81.15
Eta22.4%	9.88	0.573	17.236	0.6796	17.9215	81.09
Eta22.3%	9.83	0.571	17.218	0.6785	17.8819	81.03
Eta22.2%	9.79	0.569	17.204	0.6779	17.8381	80.96
Eta22.1%	9.75	0.567	17.189	0.677	17.7887	80.93

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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