

SFT-210P-12BB

P-Type PERC

Technical characteristics

Product Specification

Mono Perc 210 bifacial solar cell (SFT-182P-10BB)

Dimension

210mmx210mm±0.5mm Φ 295mm±0.5mm

Thickness

160-10/+20 μ m

Front

Front:12 bus bars(silver) with width 1.2±0.2mm, 196fingers, blue silicon nitride anti-reflection coating(PID Free), half sheet design of front side

Back

Front:12 bus bars with width 1.4±0.3mm, 186fingers, blue silicon nitride anti-reflection coating(PID Free)

product characteristics

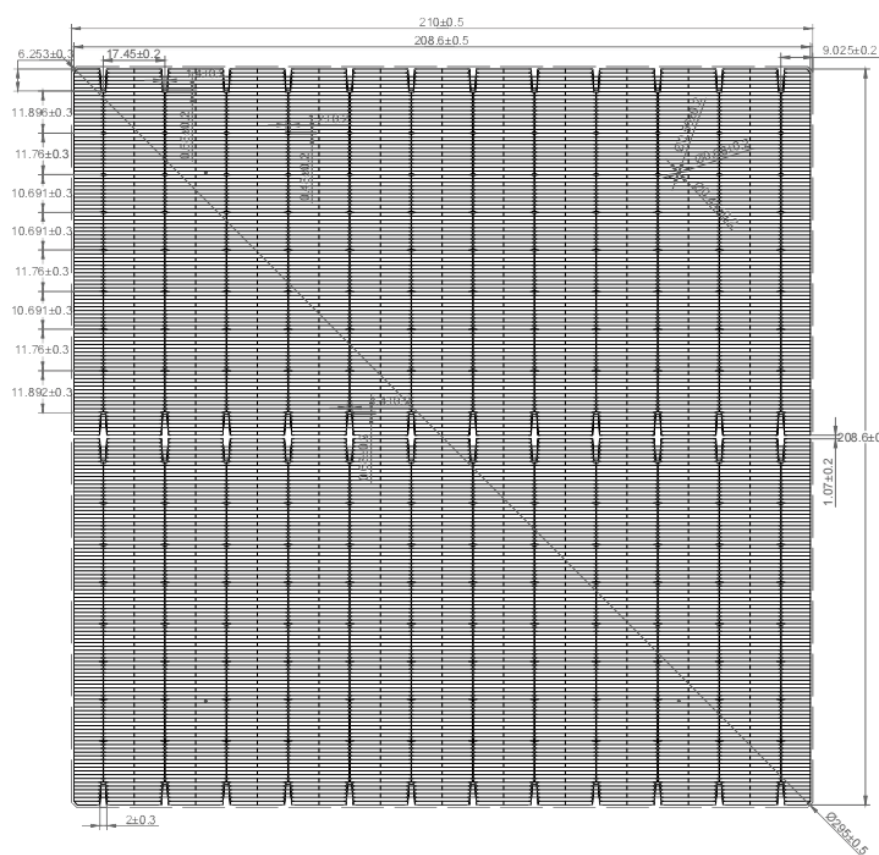
 High Conversion Efficiency, front efficiency≥23.1%

 Bifacial rate≥74%

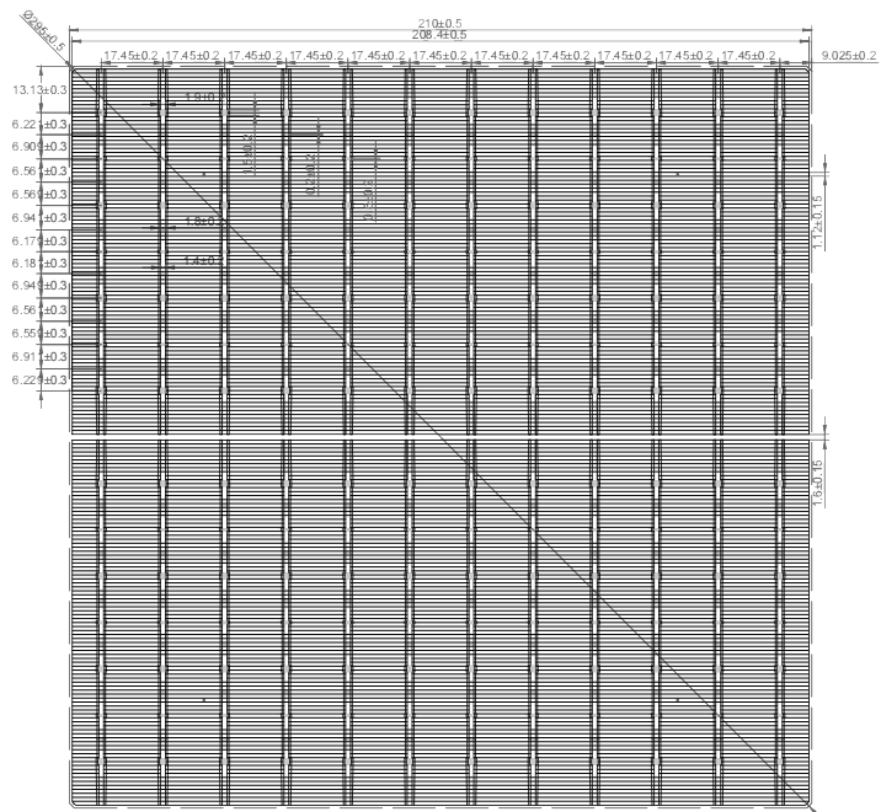
 superior anti-PID performance

 temperature coefficient of power as low as -0.38%/K

Product appearance



Front



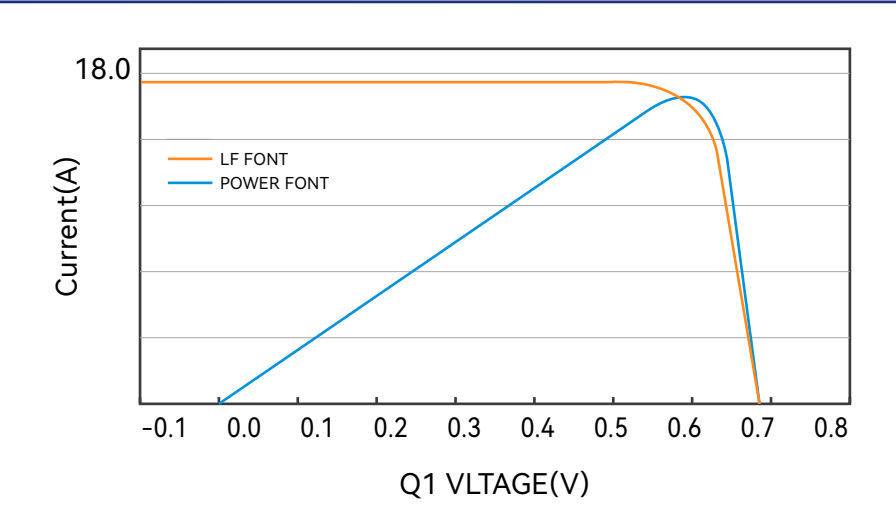
Back

Electrical Characteristics

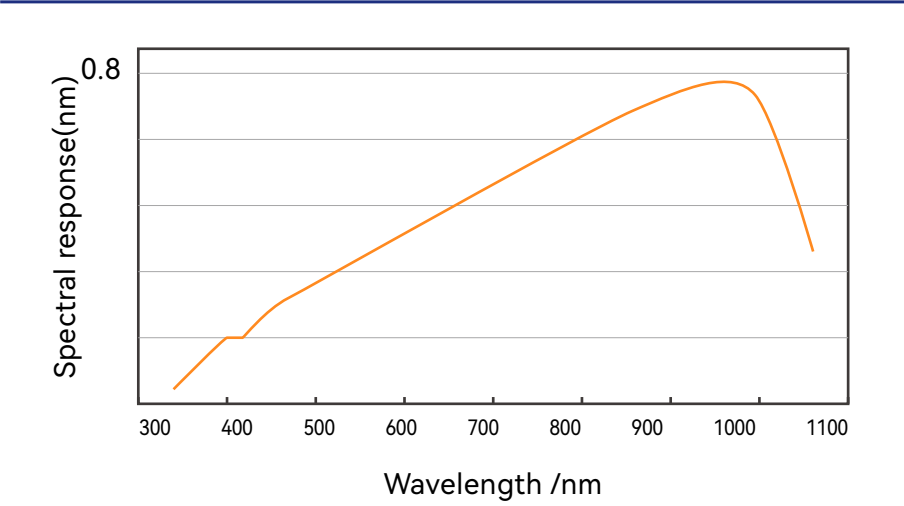
No.	Eff(%)	Power Pmpp(W)	Max.Powe Current Impp(A)	Short Circuit Current Isc(A)	Max.Power Voltage Vmpp(V)	Max.Power Voltage Vmpp(V)
1	23.1	10.18	17.261	18.186	0.59	0.690
2	23.0	10.14	17.216	18.166	0.589	0.689
3	22.90	10.10	17.206	18.140	0.587	0.688
4	22.80	10.05	17.151	18.125	0.586	0.687
5	22.70	10.01	17.140	18.108	0.584	0.686
6	22.60	9.97	17.101	18.088	0.583	0.685
7	22.50	9.92	17.074	18.062	0.581	0.685
8	22.40	9.88	17.064	18.049	0.579	0.684
9	22.30	9.83	17.036	18.030	0.577	0.682
10	22.20	9.79	17.026	18.016	0.575	0.681
11	22.10	9.75	16.986	17.955	0.574	0.680

* Standard Test Condition(STC):1000W/m2, AM1.5, 25°C
The above technical parameters are subject to technical changes and tests, ANHUI MEIDALUN reserves the right of final interpretation

IV Curve



Spectral response



Temperature coefficient

TkCurrent:	0.07%/K
TkVoltage:	-0.36%/K
TkPower:	-0.38 %/K

Quality control

accuracy of efficiency test control in $\pm 0.1\%$
100% automatic inspection of electrical performance, appearance and EL
Fraunhofer ISE Calibration cells are traceable to Fraunhofer ISE