

# TZ-210R Silicon Solar Cell

## Product Features

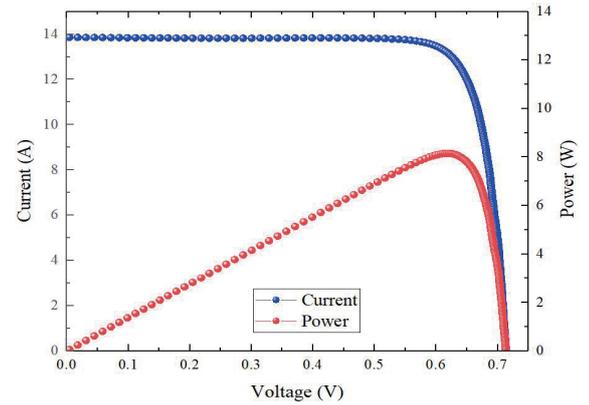
<b>Model</b>	M182AGBTCNBP
<b>Dimension</b>	182.3mm*210mm±0.5mm, Φ272mm±0.5mm
<b>Thickness</b>	130 (-13,+26) μm
<b>Front</b>	16 busbars, 236 fingers
<b>Back</b>	16 busbars, 228 fingers

## Technical Data

<b>-0.255±0.010</b> TkVoltage(%/K)	<b>0.041±0.004</b> TkCurrent(%/K)	<b>-0.305±0.025</b> TkPower(%/K)
<b>≥50Ω</b> Rsh	<b>≤0.5A</b> Irev2	

## Electrical Performance Parameters

Code	Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
210R-259	25.90	9.89	0.627	15.757	0.744	15.940	83.43
210R-258	25.80	9.85	0.626	15.726	0.743	15.919	83.30
210R-257	25.70	9.81	0.625	15.695	0.742	15.908	83.17
210R-256	25.60	9.78	0.624	15.672	0.740	15.897	83.14
210R-255	25.50	9.74	0.623	15.636	0.739	15.878	83.01
210R-254	25.40	9.70	0.622	15.590	0.738	15.868	82.83
210R-253	25.30	9.66	0.621	15.553	0.737	15.861	82.64
210R-252	25.20	9.62	0.620	15.517	0.736	15.847	82.48
210R-251	25.10	9.58	0.619	15.480	0.735	15.838	82.30
210R-250	25.00	9.55	0.618	15.453	0.734	15.828	82.20
210R-249	24.90	9.51	0.617	15.406	0.733	15.825	81.98
210R-248	24.80	9.47	0.616	15.369	0.732	15.820	81.78
210R-247	24.70	9.43	0.615	15.332	0.731	15.810	81.59



## Back Electrical Performance Parameters

Code	Eff (%)	Pmpp (W)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)	FF (%)
210R-215	>21.5	8.21	0.620	13.242	0.735	13.408	83.31
210R-210	21.0-21.5	8.02	0.614	13.062	0.730	13.258	82.87
210R-205	20.5-21.0	7.83	0.609	12.857	0.725	13.213	81.74
210R-200	<20.5	7.64	0.604	12.649	0.720	13.177	80.53

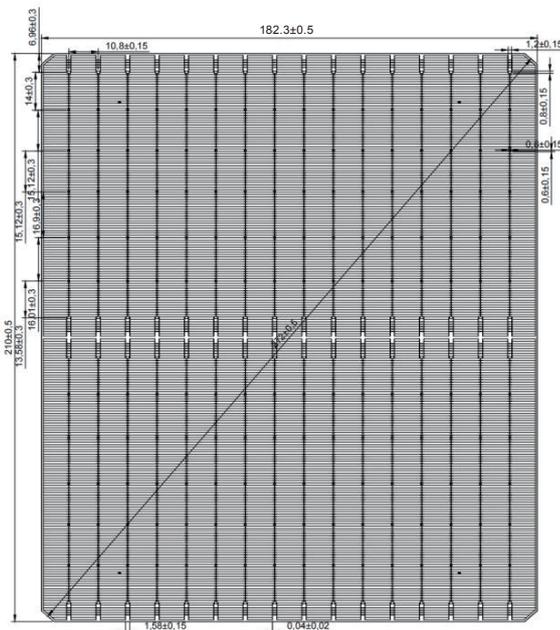
## Light Intensity Dependence

Intensity(W/m²)	Voc	Isc
1000	1.000	1.000
900	0.998	0.900
800	0.991	0.800
600	0.977	0.600
400	0.969	0.400

\* STC(Standard Testing Conditions): 1000W/m2, AM1.5, 25°C  
 Technical parameters above-mentioned subjects to technical changes and tests.  
 TANZOL SOLAR reserves the right of final interpretation.

## Product Appearance

\*Front



\*Back

