



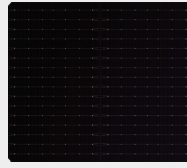
# TM1216 N-Type TOPCon

## KEY FEATURES

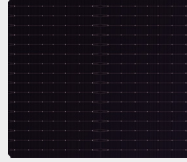
 Low Optical Attenuation

 Lower Packaging Losses

 Anti-PID Performance



Front



Back

**Size :** 182.3mm\*210mm±0.25mm

**Thickness :** 130±13µm

**Solder Ability:** ≥0.5N/mm

The results may vary depending to DS,welding methods and conditions.

## Technical Data And Design

## Light Intensity

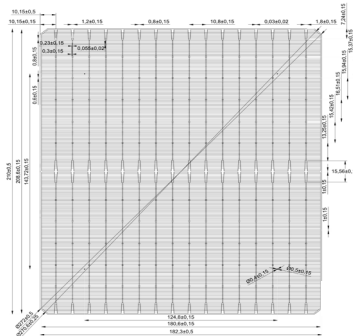
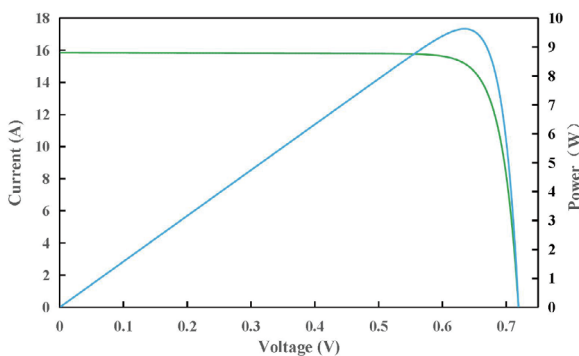
<b>Power:</b> -0.32%/K	<b>Intensity(W/m<sup>2</sup>)</b>	<b>Uoc</b>	<b>Isc</b>
<b>Voltage:</b> -0.26 %/K	1000	1.000	1.000
<b>Current:</b> +0.046%/K	900	0.996	0.903
<b>Front:</b> 16busbar (silver), 210 Fingers	800	0.991	0.803
<b>Back:</b> 16busbar (silver), 228 Fingers	600	0.988	0.602
	400	0.962	0.403

Take the Uoc (Isc) at 1000W/m<sup>2</sup>, AM1.5, 25°C as the standard, test the range of Voc(Isc) decreased with light intensity.

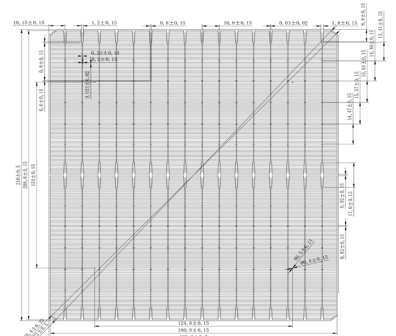
## Front Electrical Performance Parameters

Eff(%)	FF(%)	Pmpp (W)	I <sub>mp</sub> (A)	U <sub>mp</sub> (V)	Isc(A)	Uoc(V)
25.6	85.63	9.786	15.682	0.624	15.894	0.719
25.5	85.42	9.747	15.646	0.623	15.893	0.718
25.4	85.25	9.709	15.610	0.622	15.883	0.717
25.3	85.08	9.671	15.573	0.621	15.876	0.716
25.2	84.93	9.633	15.537	0.620	15.862	0.715

## Iv Curve



FRONT



BACK