

TM1216

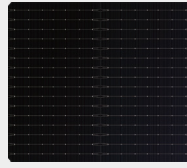
N-Type TOPCon

KEY FEATURES

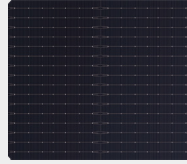
 Low Optical Attenuation

 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

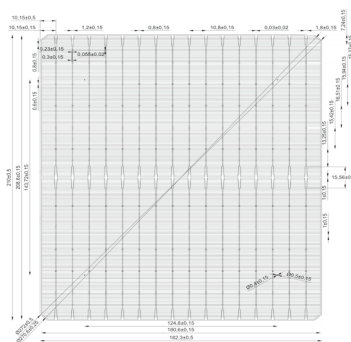
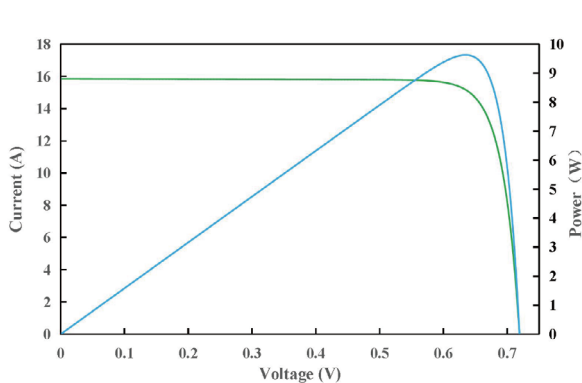
Power: -0.32%/K	Intensity(W/m ²)	Uoc	Isc
Voltage: -0.26 %/K	1000	1.000	1.000
Current: +0.046%/K	900	0.996	0.903
Front (-): 16busbar (silver), 210 Fingers	800	0.991	0.803
Back (+): 16busbar (silver), 228 Fingers	600	0.988	0.602
	400	0.962	0.403

Take the Uoc (Isc) at 1000W/m2, AM1.5, 25°C as the standard, test the range of Voc(Isc) decreased with light intensity.

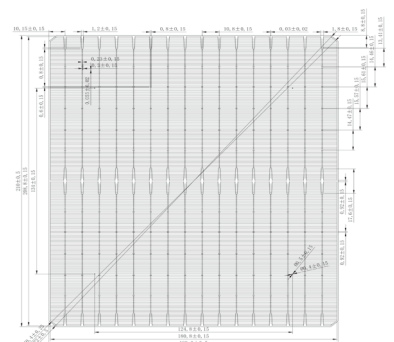
Front Electrical Performance Parameters

Eff(%)	FF(%)	Pmpp (W)	Impp(A)	Umpp(V)	Isc(A)	Uoc(V)
25.7	85.84	9.824	15.718	0.625	15.894	0.720
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
25.1	84.76	9.594	15.500	0.619	15.853	0.714
25.0	84.60	9.556	15.463	0.618	15.843	0.713
24.9	84.39	9.518	15.426	0.617	15.840	0.712
24.8	84.20	9.480	15.389	0.616	15.835	0.711
24.7	84.03	9.442	15.352	0.615	15.825	0.710
24.6	83.83	9.403	15.315	0.614	15.822	0.709
24.5	83.61	9.365	15.278	0.613	15.820	0.708

Iv Curve



FRONT



BACK