



TM1016-01 N-Type TOPCon

KEY FEATURES

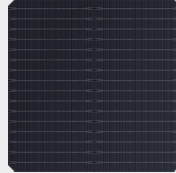
 Low Optical Attenuation

 Lower Packaging Losses

 Anti-PID Performance



Front



Back

Size : 183.75mm*182.2mm±0.25mm

Thickness : 130±13µm

Solderability: ≥0.9N

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

Technical Data And Design

Light Intensity

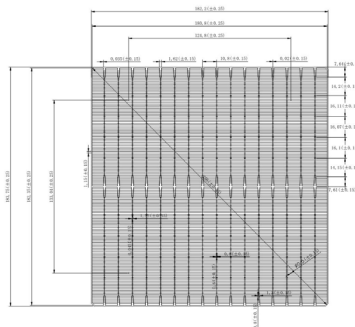
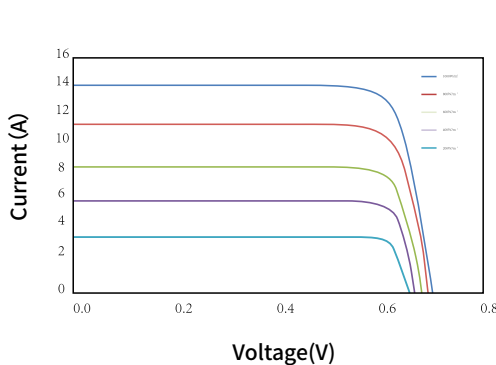
	Intensity(W/m ²)	Uoc	Isc
Front: 16*0.05mmbusbar(silver),160fingers	1000	1.000	1.000
Back: 16*0.05mmbusbar(silver),184fingers	800	0.99	0.8
VOC factor: -0.3% / K	600	0.98	0.6
Current coefficient: + 0.048% / K	400	0.96	0.4
Power coefficient: -0.35% / K	200	0.93	0.2
Parallel resistance /reverse leakage: Rsh≥50Ω, Irev2≤1A			

Front Electrical Performance Parameters

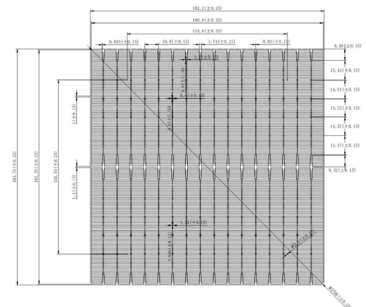
(Standard Test Conditions: 1000 W/m², AM1.5, 25°C)

No.	Eta (%)	Pmpp(W)	Uoc(V)	Isc(A)	FF (%)
1	25.5	8.54	0.7250	14.134	83.46
2	25.4	8.50	0.7241	14.134	83.24
3	25.3	8.47	0.7235	14.133	82.98
4	25.2	8.43	0.7220	14.130	82.83
5	25.1	8.40	0.7217	14.125	82.56

Iv Curve



FRONT



BACK