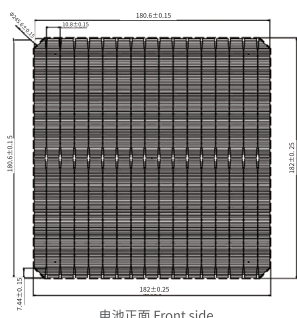
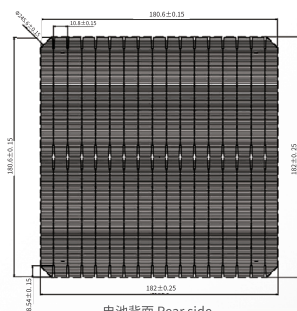


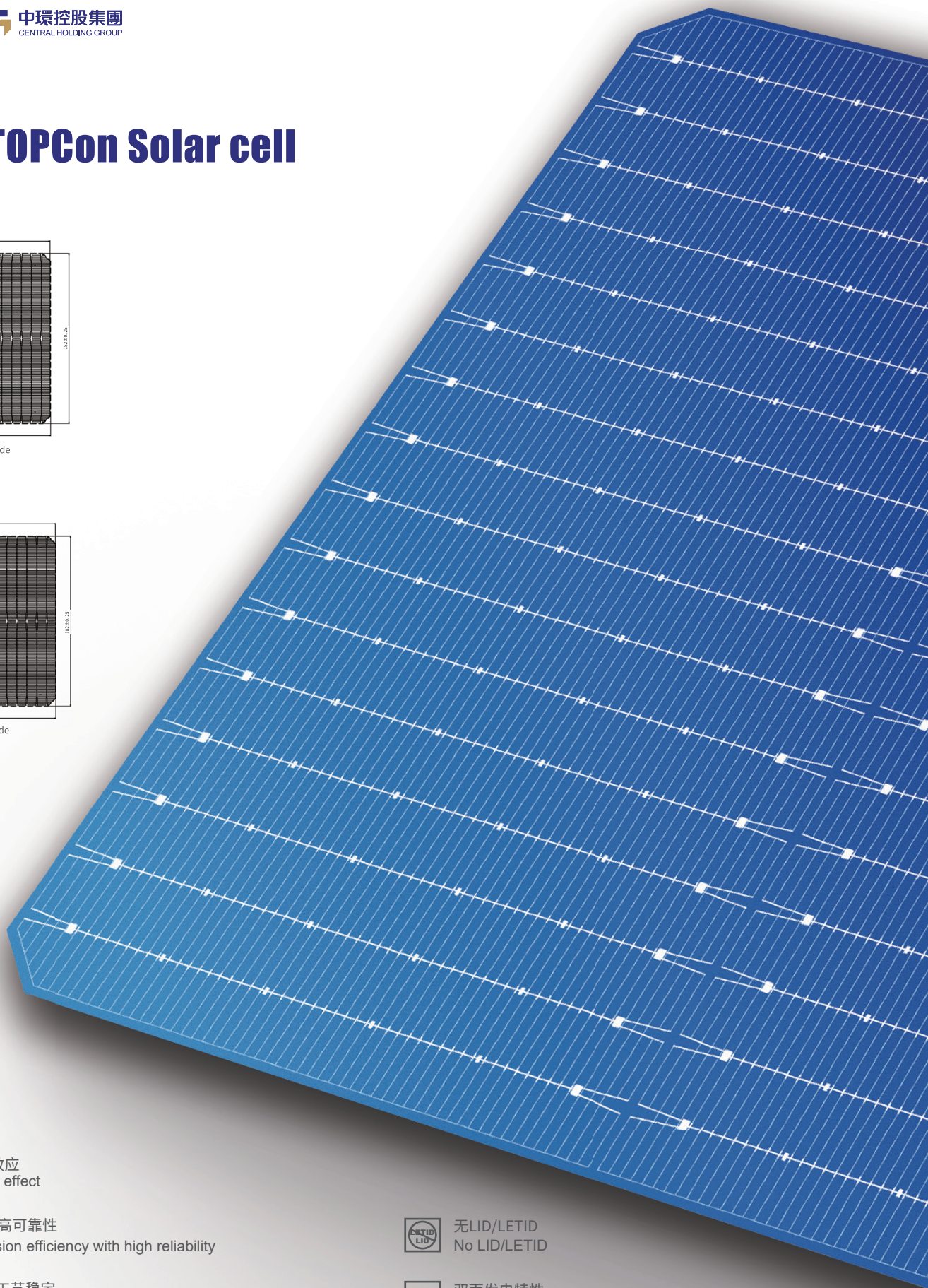
N-type TOPCon Solar cell



电池正面 Front side



电池背面 Rear side



较弱的热斑效应
Low hot spot effect



高转化效率, 高可靠性
High conversion efficiency with high reliability



电性能均匀, 工艺稳定
Uniform cell performance with stable process control



弱光条件下优异的发电特性
Excellent power generation performance under low irradiation



无LID/LETID
No LID/LETID



双面发电特性
Both sides can generate electricity



组件封装过程中电池的电性能失配度低
Low mismatch of cell performance during encapsulation

产品特征 Product Features

产品型号Product Model:	NM10R16B
尺寸规格Dimension:	182mmx182mm±0.25mm, Φ247mm±0.25mm
电池厚度Cell Thickness:	130μm±15μm
正面Front side:	0.03±0.015mm wide bus bars (主栅), Silicon nitride, aluminum oxide (氮化硅、氧化铝)
背面Back side:	0.03±0.015mm wide bus bars (主栅), Silicon nitride (氮化硅)

电性能特征 Electric Performance

Efficiency(%)	Power Pmpp(W)	Max.Power Current Impp(A)	Short Circuit Current Isc(A)	Max.Power Voltage Vmpp(V)	Open Circuit Voltage Voc(V)
25.2	8.32	13.518	14.078	0.633	0.724
25.1	8.29	13.475	14.035	0.632	0.723
25.0	8.25	13.440	14.001	0.631	0.722
24.9	8.22	13.405	13.965	0.630	0.722
24.8	8.19	13.370	13.930	0.629	0.721
24.7	8.15	13.335	13.895	0.628	0.720
24.6	8.12	13.300	13.860	0.627	0.719
24.5	8.09	13.265	13.825	0.627	0.718
24.4	8.06	13.230	13.790	0.626	0.717
24.3	8.02	13.195	13.755	0.625	0.717
24.2	7.99	13.155	13.715	0.624	0.716
24.1	7.96	13.115	13.675	0.623	0.715
24.0	7.92	13.079	13.633	0.622	0.714

- 标准测试条件下 Under standard test condition: 1000W/ m², AM 1.5G, 25°C
- 图示说明 Illustration: 25.0% 实际范围 actual range: 25.0%~25.1%
- 规范和数据只供参考, 如有更改另行说明通知

温度系数 Temperature Coefficients

电流温度系数 Current Temperature Coefficient	Tkcurrent: +0.045%/K
电压温度系数 Voltage Temperature Coefficient	Tkvoltage: -0.25 %/K
功率温度系数 Power Temperature Coefficient	Tkpower: -0.29%/K

