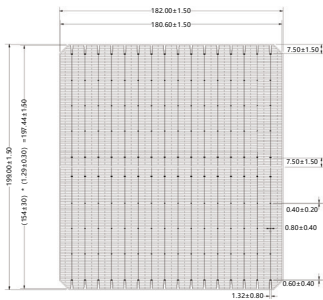
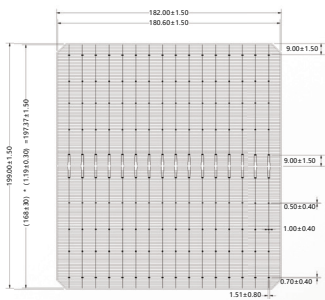


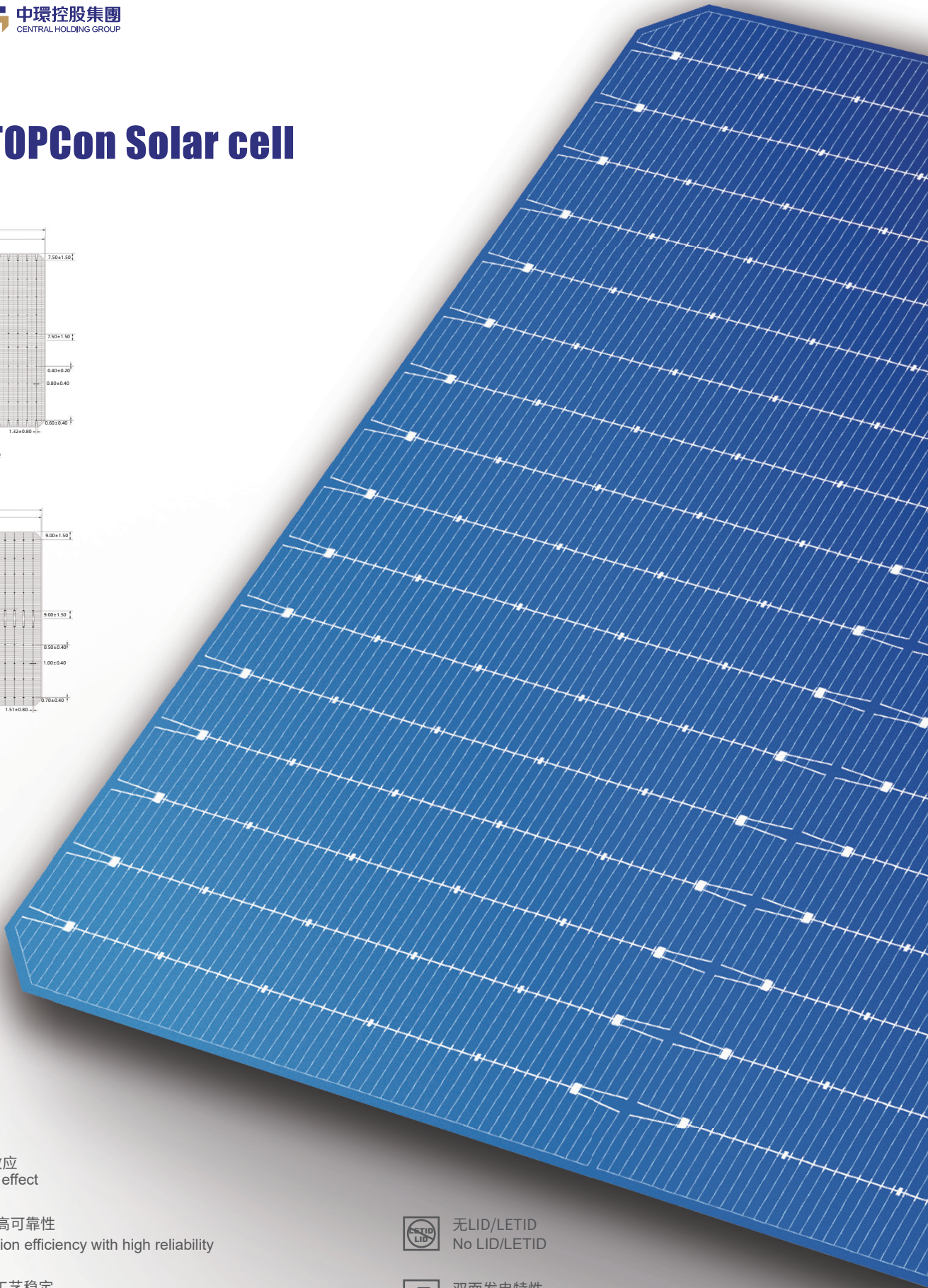
N-type TOPCon Solar cell



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:	NM10+R16B
尺寸规格 Dimension:	182.00mmx199.00mm±1.5mm, 36147mm ² ±1000mm ²
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 Imp(A)	Short Circuit Current Isc(A)	Max.Power Voltage Vmpp(V)	Open Circuit Voltage Voc(V)
25.2	9.10	14.785	15.397	0.633	0.724
25.1	9.07	14.738	15.350	0.632	0.723
25.0	9.02	14.699	15.313	0.631	0.722
24.9	8.99	14.661	15.274	0.630	0.722
24.8	8.96	14.623	15.235	0.629	0.721
24.7	8.91	14.584	15.197	0.628	0.720
24.6	8.88	14.546	15.159	0.627	0.719
24.5	8.85	14.508	15.120	0.627	0.718
24.4	8.82	14.470	15.082	0.626	0.717
24.3	8.77	14.431	15.044	0.625	0.717
24.2	8.74	14.388	15.000	0.624	0.716
24.1	8.71	14.344	14.956	0.623	0.715
24.0	8.66	14.305	14.910	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

