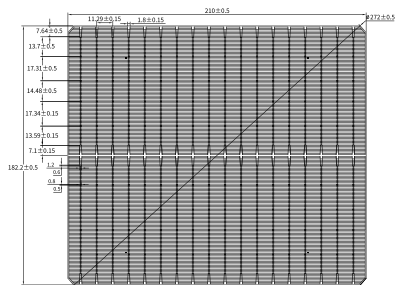
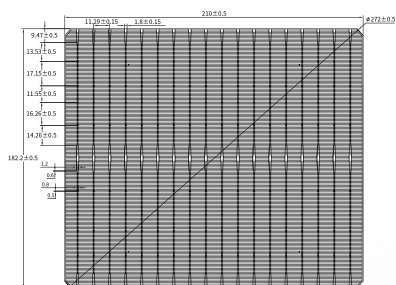


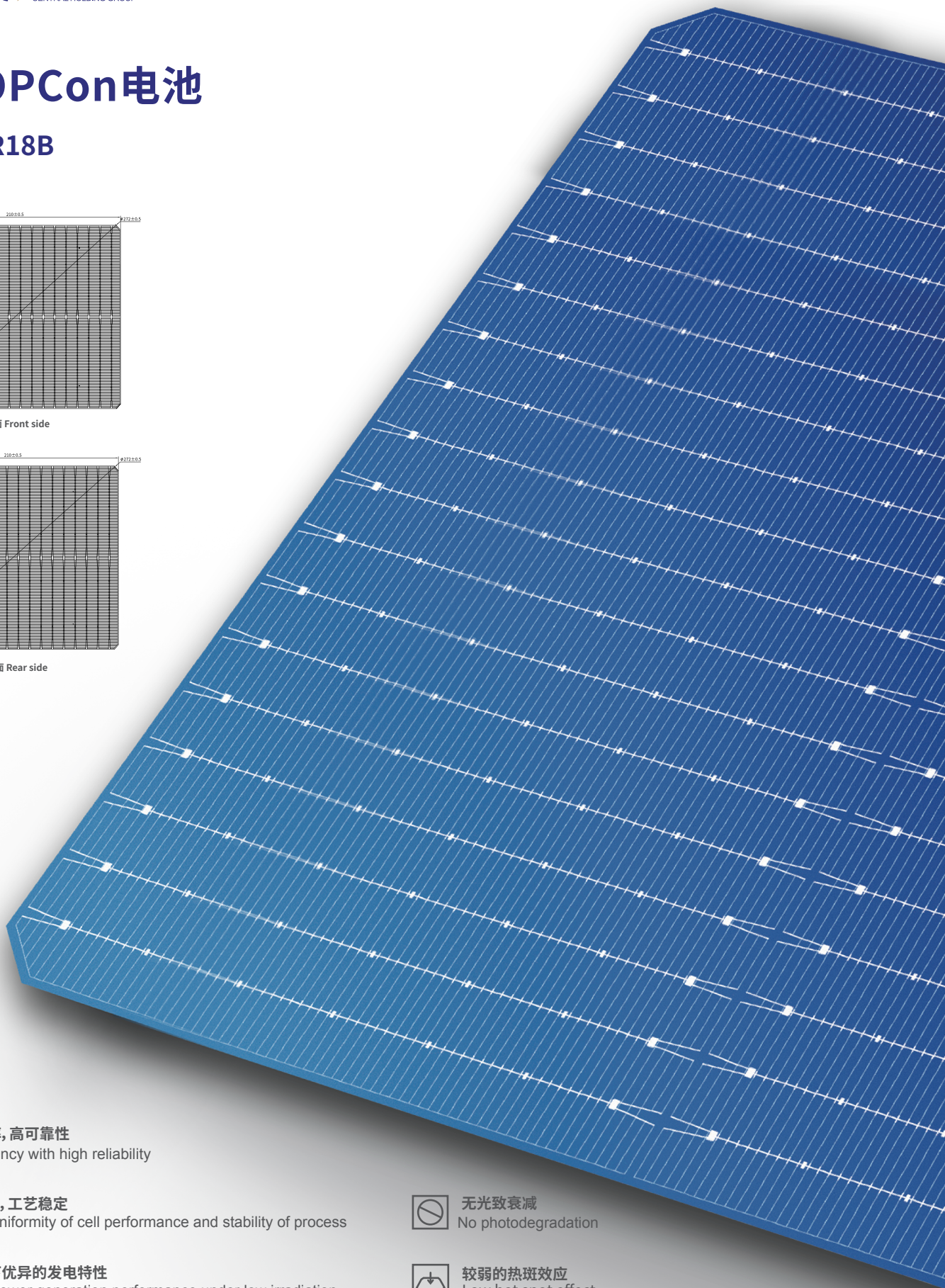
TC-NG12R18B



电池正面 Front side



电池背面 Rear side



高转化效率, 高可靠性

High efficiency with high reliability



电性能均匀, 工艺稳定

Excellent uniformity of cell performance and stability of process



弱光条件下优异的发电特性

Excellent power generation performance under low irradiation



组件封装过程中电池的电性能失配度低

Cell to Module with high matching rate



无光致衰减

No photodegradation



较弱的热斑效应

Low hot spot effect



双面发电

Bifacial benefits

产品特征 Product Features

产品型号Product Model:	TC-NG12R18B
尺寸规格Dimension:	182.2mm×210mm±0.5mmφ272mm±0.5mm
电池厚度Cell Thickness:	130mm±10%
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

Eta	Pmpp(W)	Vmpp(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
26.0	9.94	0.6349	15.6567	0.7291	16.3413	83.43
25.9	9.90	0.6336	15.6313	0.7278	16.3232	83.34
25.8	9.86	0.6315	15.6161	0.7267	16.3101	83.21
25.7	9.82	0.6304	15.5842	0.7257	16.2851	83.13
25.6	9.79	0.6287	15.5722	0.7244	16.2791	83.02
25.5	9.75	0.6269	15.5531	0.7235	16.2631	82.86
25.4	9.71	0.6252	15.5314	0.7228	16.2569	82.66
25.3	9.67	0.6238	15.5072	0.7214	16.2484	82.51
25.2	9.63	0.6220	15.4865	0.7204	16.2335	82.37
25.1	9.59	0.6204	15.4623	0.7188	16.2268	82.26
25.0	9.56	0.6188	15.4495	0.7173	16.2192	82.20
24.9	9.52	0.6171	15.4284	0.7160	16.2015	82.07
24.8	9.48	0.6154	15.4051	0.7149	16.1894	81.91
24.7	9.44	0.6135	15.3885	0.7132	16.1824	81.82
24.6	9.40	0.6122	15.3617	0.7121	16.1716	81.66
24.5	9.37	0.6103	15.3533	0.7105	16.1625	81.55
24.4	9.33	0.6082	15.3404	0.7086	16.1587	81.47
24.3	9.29	0.6061	15.3282	0.7081	16.1334	81.35
24.2	9.25	0.6046	15.3015	0.7067	16.1231	81.22

- 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%
- 规范和数据只供参考

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

