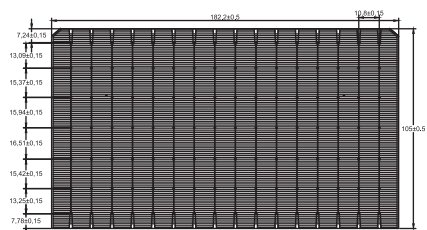
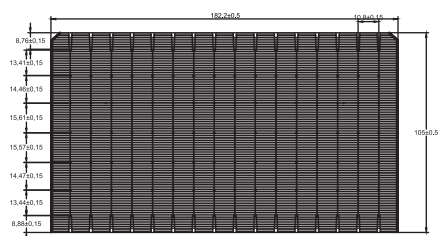


N型TOPCon電池

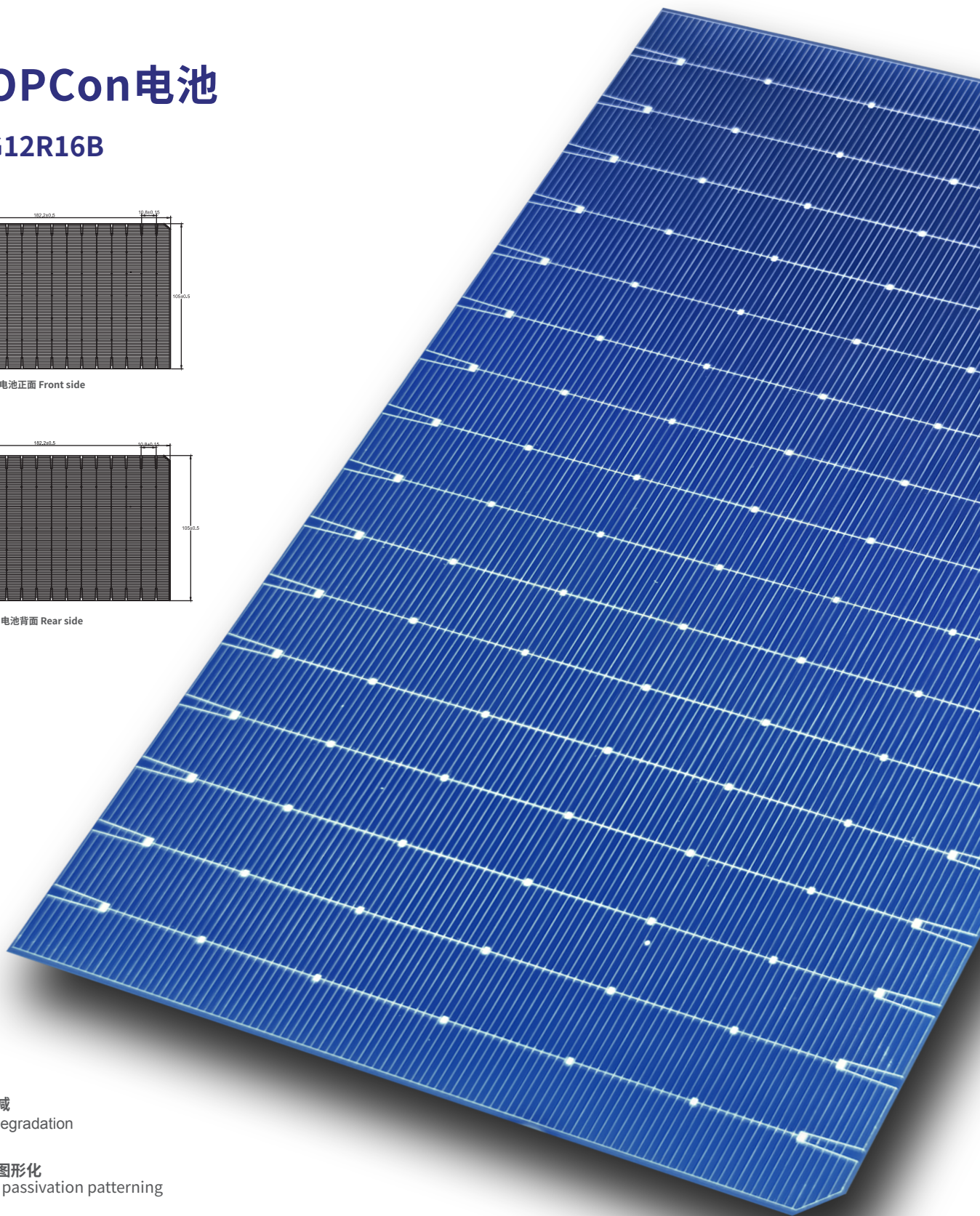
TCHC-NG12R16B



電池正面 Front side



電池背面 Rear side



无光致衰减

No photodegradation



背面钝化图形化

Backside passivation patterning



更高的转化效率, 高可靠性

Higher efficiency with high reliability



组件封装过程中电池的电性能失配度低

Cell to Module with high matching rate



弱光条件下优异的发电特性

Excellent power generation performance under low irradiation



双面发电

Bifacial benefits



切割面全钝化

Full passivation of the cutting surface



更好的细栅形貌

Better fine grid morphology

产品特征 Product Features

产品型号Product Model:	TCHC-NG12R16B
尺寸规格Dimension:	182.2mm×105mm±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	4.97	0.6349	7.8284	0.7291	8.1707	83.43
25.9	4.95	0.6336	7.8157	0.7278	8.1616	83.34
25.8	4.93	0.6315	7.8081	0.7267	8.1551	83.21
25.7	4.91	0.6304	7.7921	0.7257	8.1426	83.13
25.6	4.90	0.6287	7.7861	0.7244	8.1396	83.02
25.5	4.88	0.6269	7.7766	0.7235	8.1316	82.86
25.4	4.86	0.6252	7.7657	0.7228	8.1285	82.66
25.3	4.84	0.6238	7.7536	0.7214	8.1242	82.51
25.2	4.82	0.6220	7.7433	0.7204	8.1168	82.37
25.1	4.80	0.6204	7.7312	0.7188	8.1134	82.26
25.0	4.78	0.6188	7.7248	0.7173	8.1096	82.20
24.9	4.76	0.6171	7.7142	0.7160	8.1008	82.07
24.8	4.74	0.6154	7.7026	0.7149	8.0947	81.91
24.7	4.72	0.6135	7.6943	0.7132	8.0912	81.82
24.6	4.70	0.6122	7.6809	0.7121	8.0858	81.66
24.5	4.69	0.6103	7.6767	0.7105	8.0813	81.55
24.4	4.67	0.6082	7.6702	0.7086	8.0794	81.47
24.3	4.65	0.6061	7.6641	0.7081	8.0667	81.35
24.2	4.63	0.6046	7.6508	0.7067	8.0616	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

