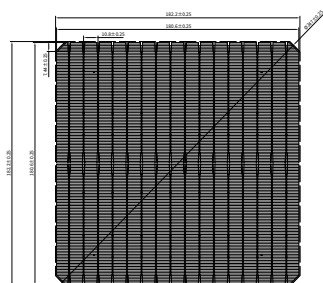
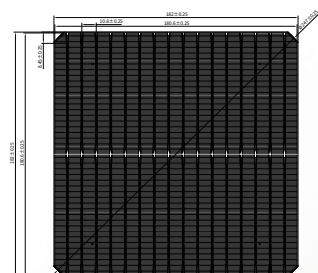


N-type TOPCon Solar cell

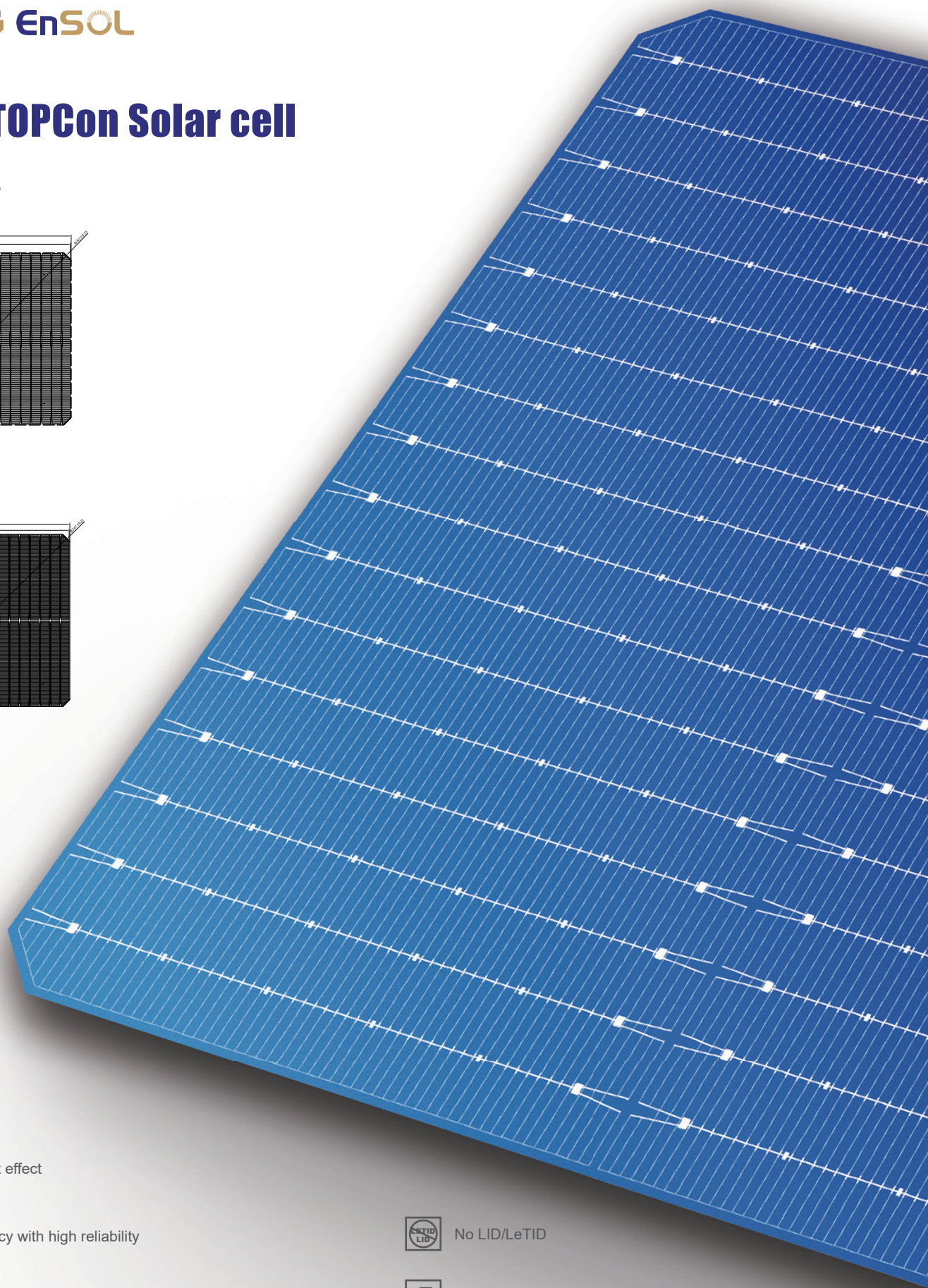
NM1016D1



Front side



Rear side



Low hot spot effect



High efficiency with high reliability



Excellent uniformity of cell performance and stability of process



Excellent power generation performance under low irradiation



No LID/LeTID



Bifacial benefits



Cell to Module with high matching rate

Product Features

Product Model:	NM1016D1
Dimension:	182.2mmx182.2mm±0.5mm
Cell Thickness:	130μm±13μm
Front side:	0.03±0.015mm wide bus bars, Silicon nitride, aluminum oxide
Back side:	0.03±0.015mm wide bus bars, Silicon nitride

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)
25.5	8.44	13.46	13.70	0.627	0.729
25.4	8.40	13.43	13.68	0.626	0.728
25.3	8.37	13.40	13.66	0.625	0.727
25.2	8.34	13.36	13.64	0.624	0.726
25.1	8.30	13.33	13.62	0.623	0.725
25.0	8.27	13.30	13.60	0.622	0.724
24.9	8.24	13.26	13.58	0.621	0.723
24.8	8.20	13.23	13.55	0.620	0.722
24.7	8.17	13.20	13.53	0.619	0.721
24.6	8.14	13.16	13.51	0.618	0.721
24.5	8.10	13.13	13.49	0.617	0.720
24.4	8.07	13.09	13.47	0.617	0.719
24.3	8.04	13.06	13.44	0.616	0.718
24.2	8.01	13.02	13.42	0.615	0.717
24.1	7.97	12.99	13.40	0.614	0.716
24.0	7.94	12.96	13.38	0.613	0.715

- Under standard test condition: 1000W/ m², AM 1.5G, 25°C
- Illustration: 25.0%
- Specifications and data are provided for reference only

Temperature Coefficients

Current Temperature Coefficient	Tkcurrent: +0.045%/K
Voltage Temperature Coefficient	Tkvoltage: -0.25 %/K
Power Temperature Coefficient	Tkpower: -0.29%/K

