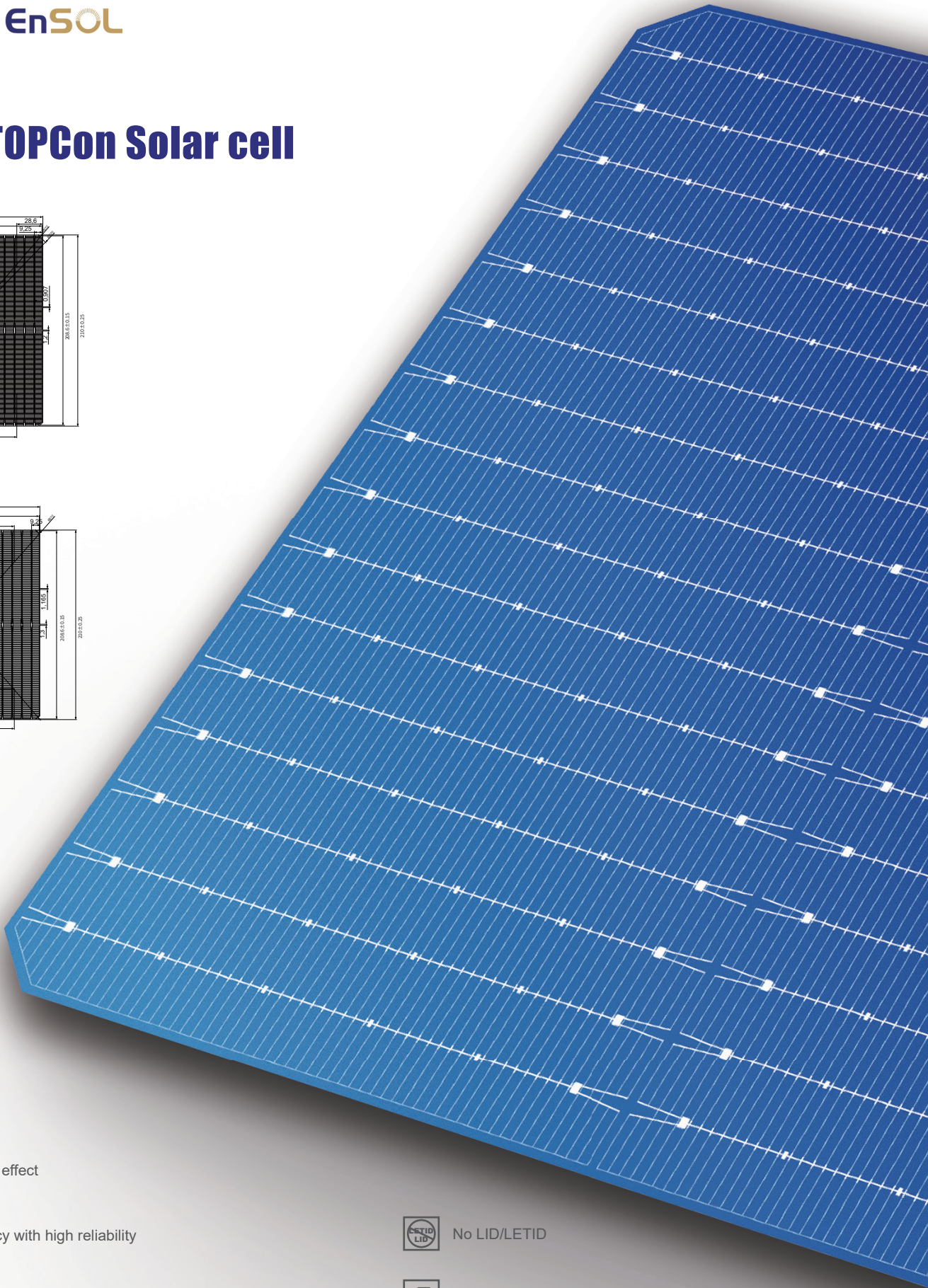
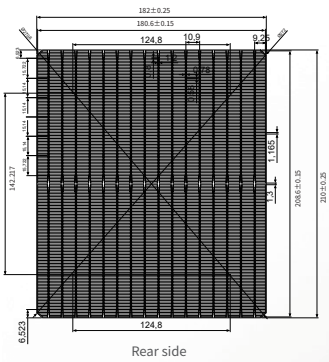
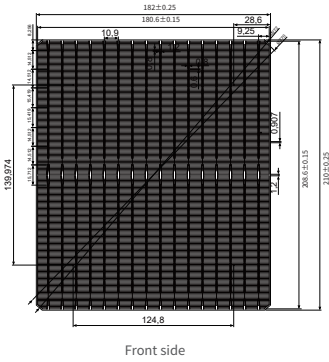


N-type TOPCon Solar cell



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: | NG12R16B |
| Dimension: | 182mmx210mm±0.25mm |
| Cell Thickness: | 130μm±15μm |
| 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 Imp(A) | Short Circuit Current Isc(A) | Max.Power Voltage Vmpp(V) | Open Circuit Voltage Voc(V) |
|---------------|---------------|--------------------------|------------------------------|---------------------------|-----------------------------|
| 25.2 | 9.62 | 15.598 | 16.244 | 0.633 | 0.724 |
| 25.1 | 9.58 | 15.548 | 16.194 | 0.632 | 0.723 |
| 25.0 | 9.55 | 15.508 | 16.155 | 0.631 | 0.722 |
| 24.9 | 9.51 | 15.467 | 16.113 | 0.630 | 0.722 |
| 24.8 | 9.47 | 15.427 | 16.073 | 0.629 | 0.721 |
| 24.7 | 9.43 | 15.386 | 16.033 | 0.628 | 0.720 |
| 24.6 | 9.39 | 15.346 | 15.992 | 0.627 | 0.719 |
| 24.5 | 9.36 | 15.306 | 15.952 | 0.627 | 0.718 |
| 24.4 | 9.32 | 15.265 | 15.911 | 0.626 | 0.717 |
| 24.3 | 9.28 | 15.225 | 15.871 | 0.625 | 0.717 |
| 24.2 | 9.24 | 15.179 | 15.825 | 0.624 | 0.716 |
| 24.1 | 9.20 | 15.133 | 15.779 | 0.623 | 0.715 |
| 24.0 | 9.16 | 15.091 | 15.730 | 0.622 | 0.714 |

- Under standard test condition: 1000W/ m², AM 1.5G, 25°C
- Illustration: 25.0% actual range: 25.0%~25.1%
- Specifications and data are provided for reference only and will be separately notified if there is any change

Temperature Coefficients

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

