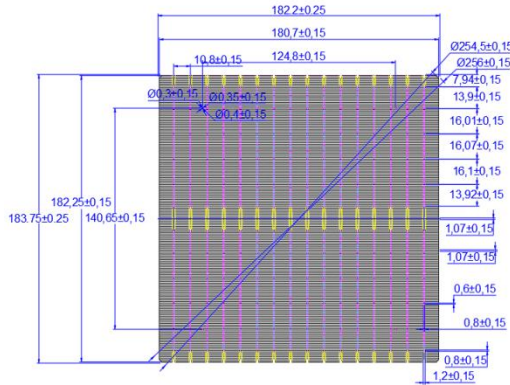
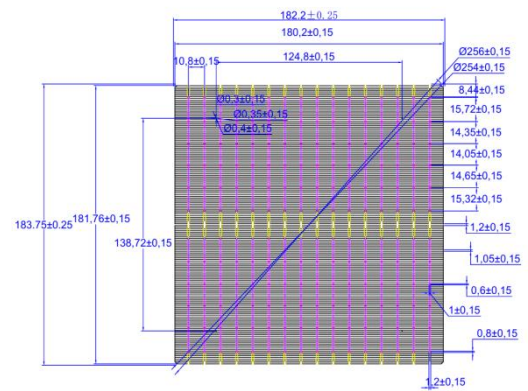


# N型单晶 LKS-183.75R-16BB

## N-type Mono-crystalline Silicon Solar Cell



电池正面 Front side



电池背面 Rear side

### 产品特征 Product Features

尺寸规格 **Dimension:** 182.2mmx183.75mm±0.25mm,  $\Phi$ 256mm±0.15mm;

电池厚度 **Cell Thickness:** 135 $\mu$ m±13.5 $\mu$ m

正面 (+) **Front side:** 0.036mm wide bus bars, Silicon nitride anti-reflection coating

背面 (-) **Back side:** 0.03mm wide bus bars, Silicon nitride coating

### 产品特性 Product Characteristics

- 高转化效率，高可靠性 High conversion efficiency with high reliability
- 无光致衰减 No light-induced degradation
- 电性能均匀，工艺稳定 Uniform cell performance with stable process control
- 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
- 弱光条件下优异的发电特性 Excellent power generation performance under low irradiation
- 较弱的热斑效应 Low hot spot effect

### 品质管控 Quality Control

- 严格的来料，出库，包装检测 Proper inspection through incoming production, outgoing and packaging
- 效率测试的准确性控制在±0.1% Efficiency tested within ± 0.1% accuracy
- 反向漏电和电池外观全检 100% checked for reverse current and visual appearance
- 校准片溯源到弗劳恩霍夫 Reference cell calibrated from Fraunhofer

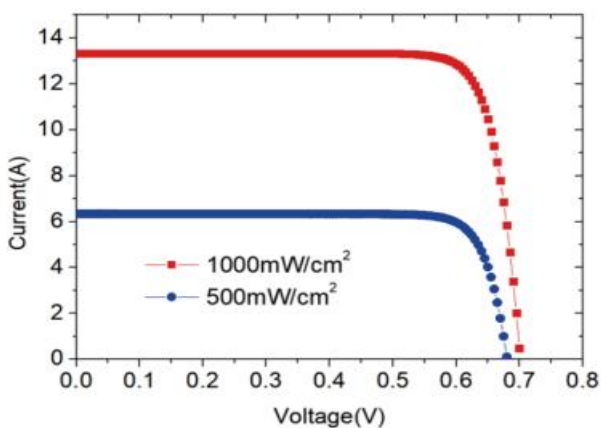
**电性能特征 Electric Performance**

Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
25.5	8.53	0.616	18.254	0.727	18.905	81.77
25.4	8.50	0.616	18.194	0.727	18.895	81.59
25.3	8.47	0.616	18.133	0.726	18.885	81.42
25.2	8.43	0.615	18.073	0.725	18.875	81.24
25.1	8.40	0.615	18.013	0.724	18.865	81.07
25.0	8.37	0.614	17.952	0.723	18.855	80.89
24.9	8.33	0.614	17.892	0.723	18.845	80.72
24.8	8.30	0.613	17.831	0.722	18.835	80.54
24.7	8.27	0.613	17.771	0.721	18.825	80.37
24.6	8.23	0.612	17.711	0.720	18.805	80.14
24.5	8.20	0.612	17.650	0.719	18.801	79.95
24.4	8.17	0.612	17.590	0.718	18.785	79.74
24.3	8.13	0.611	17.529	0.718	18.785	79.57
24.2	8.10	0.611	17.469	0.717	18.775	79.39
24.1	8.07	0.610	17.409	0.716	18.755	79.22

- 标准测试条件下(Under standard test condition): 1000W/ m<sup>2</sup>, AM 1.5G, 25°C
- 图示说明(Illustration):24.3%→实际范围(actual range)24.3%~24.4%
- 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 <b>Current Temperature Coefficient</b>	<b>TK<sub>Current</sub>: +0.046%/K</b>
电压温度系数 <b>Voltage Temperature Coefficient</b>	<b>TK<sub>Voltage</sub>: -0.26 %/K</b>
功率温度系数 <b>Power Temperature Coefficient</b>	<b>TK<sub>Power</sub>: -0.30%/K</b>

**IV曲线 IV Curve**

**光谱响应 Spectral Response (SR)**
