








N-Type Mono Bifacial Cell

DAS-NM10LD16B172

Product Feature

-  High conversion efficiency $\geq 25.5\%$
-  Bifaciality $\geq 85\%$
-  High resistance of PID (Potential Induced Degradation)
-  “0” LID (Light Induced Degradation)
-  Power temperature coefficient $\leq -0.30\%/K$
-  Weak light response ($200W/m^2$) $\geq 97\%$
-  Lower CTM loss, better for the high efficiency module

Management System Certification

ISO 9001: 2015 Quality Management System

ISO 14001: 2015 Environmental Management System

ISO 45001: Occupational Health and Safety Management System

Quality Control

Efficiency test accuracy is $\pm 0.1\%$

100% automatic inspection of IV/EL/Appearance

Calibration Cell source to Fraunhofer ISE

Product Features

Dimension	182mmx183.75mm±0.25mm,Φ247±0.25mm
Cell Thickness	130μm±13μm
Front side	0.03±0.015mm wide bus bars, 148fingers, SiOxNy
Back side	0.03±0.015mm wide bus bars, 260fingers, SiN

Temperature Coefficients

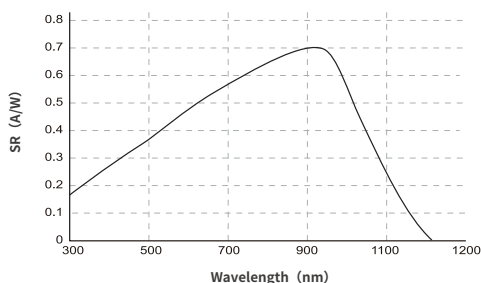
Current Temperature Coefficient	Tkcurrent: +0.045 %/K
Voltage Temperature Coefficient	Tkvoltage: -0.25 %/K
Power Temperature Coefficient	Tkpower: -0.30%/K

Electrical Data

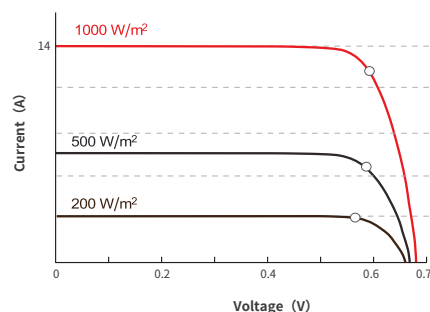
Eff(%)	Pmpp(W)	Ump(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
26.0	8.659	0.6536	13.2486	0.730	14.028	84.56
25.9	8.626	0.6516	13.2382	0.729	14.009	84.46
25.8	8.593	0.6496	13.2277	0.728	13.991	84.36
25.7	8.559	0.6476	13.2171	0.727	13.972	84.26
25.6	8.526	0.6456	13.2064	0.726	13.954	84.16
25.5	8.493	0.6436	13.1957	0.725	13.935	84.06
25.4	8.459	0.6416	13.1850	0.724	13.917	83.96
25.3	8.426	0.6396	13.1741	0.723	13.898	83.86
25.2	8.393	0.6376	13.1632	0.722	13.878	83.76
25.1	8.360	0.6356	13.1522	0.721	13.859	83.66
25.0	8.326	0.6336	13.1412	0.720	13.839	83.56

*Standard Test Conditions:1000W/ m², AM 1.5, 25°C Specifications and data are only for reference.

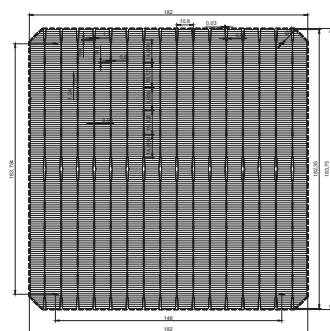
Spectral Response (SR)



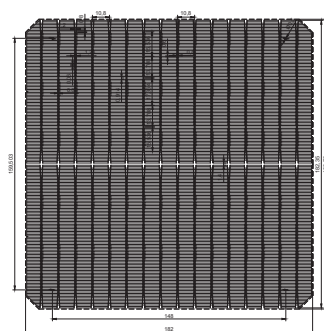
IV Curve



Dimension



Front side



Rear side

