

# DAS-NM2<sup>+</sup>D5B

## N-Type Mono Bifacial Cell

### Product Feature

- ◇ High conversion efficiency, Up to 22.5%
- ◇ Bifaciality ratio  $\geq 80\%$
- ◇ Zero Light Induced Degradation
- ◇ PID resistant
- ◇ Power temperature coefficient  $\leq -0.35\%/^{\circ}\text{C}$
- ◇ Relative conversion efficiency ( $200\text{W}/\text{m}^2$ )  $\geq 97\%$

### Quality Control

- ◇ The accuracy of the efficiency test is controlled at  $\pm 0.1\%$
- ◇ IV/EL/Appearance 100% automatic inspection
- ◇ Calibration Cell source to Fraunhofer ISE

### Management System Certification

- ◇ ISO 9001:2015 Quality Management System
- ◇ ISO 14001:2015 Environmental Management System
- ◇ ISO 45001:2018 Occupational Health and Safety Management System

## Product Features

Dimension:	157.35mmx157.35mm±0.25mm, Φ210.9mm±0.25mm:
Cell Thickness:	170μm±20μm
Front side:	0.7±0.1mm wide bus bars, 102 finger grids, SiN
Back side:	0.7±0.1mm wide bus bars, 102 finger grids, SiN

## Temperature Coefficients

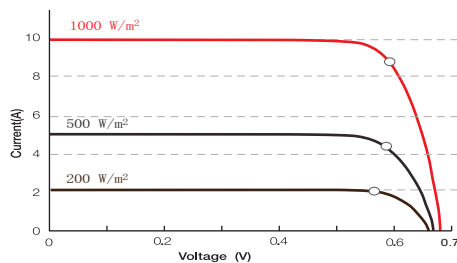
Current Temperature Coefficient	Tkcurrent: +0.048 %/K
Voltage Temperature Coefficient	Tkvoltage: -0.30 %/K
Power Temperature Coefficient	Tkpower: -0.35 %/K

## Electric Performance

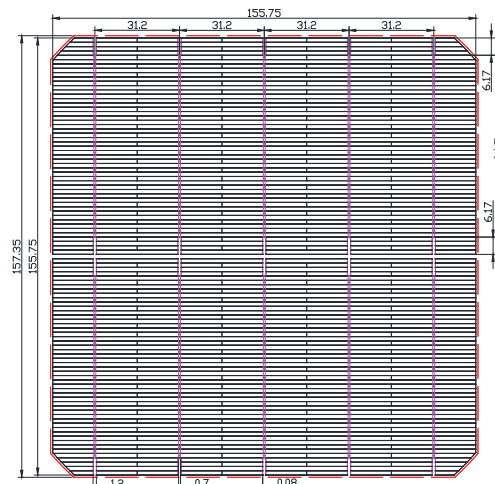
Eff(%)	Pmpp(W)	Ump(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
22.80%	5.61	0.585	9.585	0.695	9.942	81.35
22.70%	5.59	0.584	9.569	0.694	9.928	81.16
22.60%	5.56	0.583	9.545	0.693	9.911	80.98
22.50%	5.54	0.582	9.52	0.692	9.897	80.86
22.40%	5.52	0.581	9.493	0.691	9.886	80.75
22.30%	5.49	0.579	9.468	0.689	9.873	80.61
22.20%	5.47	0.578	9.445	0.688	9.861	80.49
22.10%	5.44	0.577	9.421	0.687	9.852	80.32
22.00%	5.42	0.576	9.391	0.686	9.847	80.21
21.90%	5.39	0.575	9.376	0.685	9.832	80.10
21.80%	5.37	0.573	9.359	0.684	9.818	80.01
21.70%	5.34	0.572	9.331	0.683	9.803	79.92
21.60%	5.32	0.571	9.305	0.681	9.788	79.79
21.50%	5.29	0.569	9.285	0.679	9.774	79.70

- Standard Test Conditions: 1000W/ m<sup>2</sup>, AM 1.5, 25°C
- Specifications and data are only for reference.

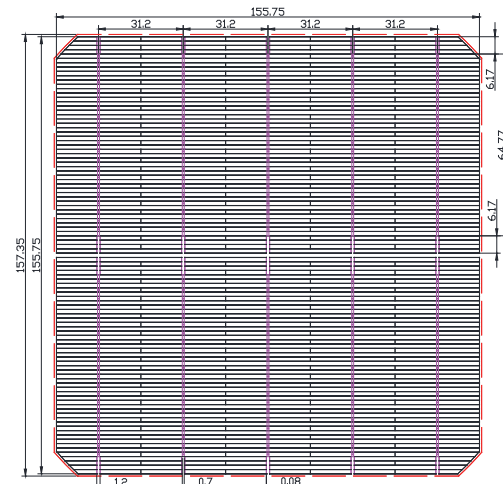
## IV Curve



Front side



Rear side



## Spectral Response (SR)

