








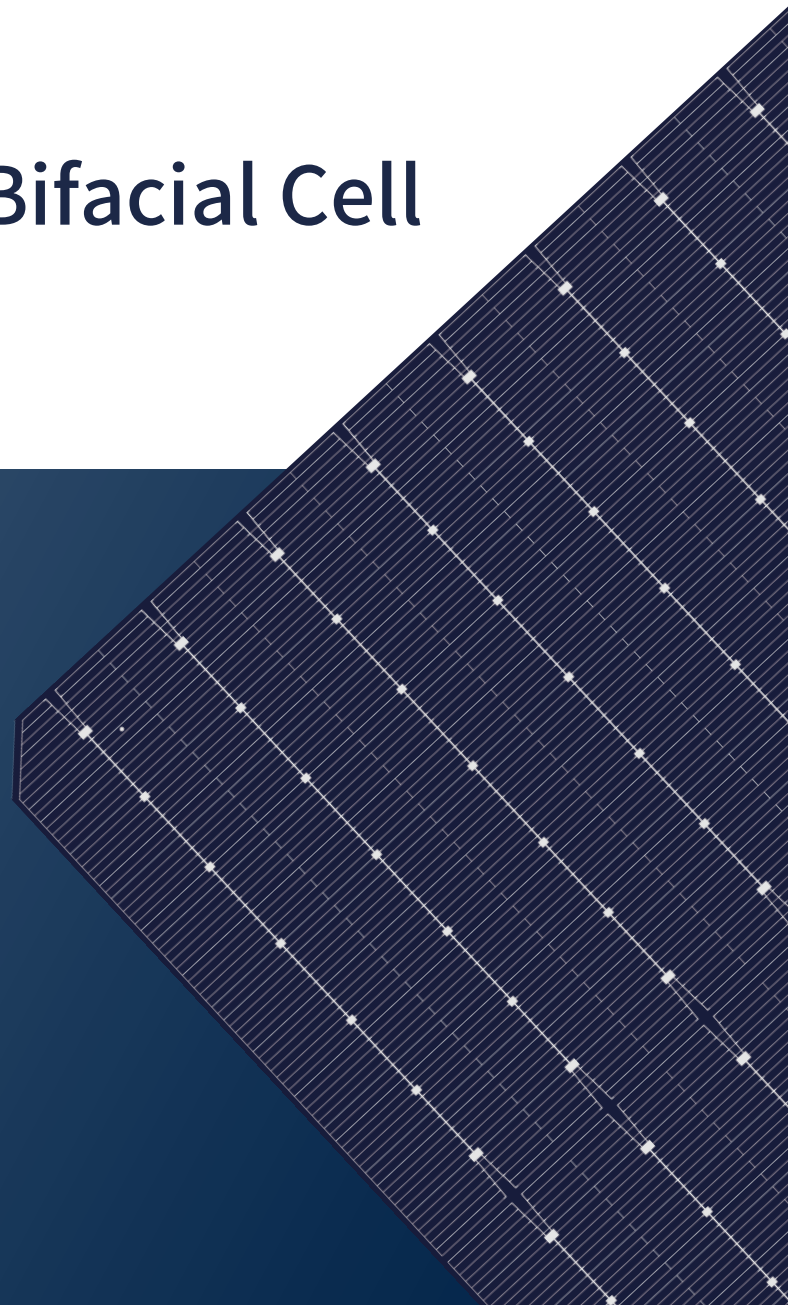


P-Type Mono Bifacial Cell

DAS-NM10D10B

Product Feature

-  High conversion efficiency $\geq 23.5\%$
-  Bifaciality $\geq 75\%$
-  High resistance of PID (Potential Induced Degradation)
-  LID (Light Induced Degradation) $\leq 1.5\%$
-  Power temperature coefficient $\leq -0.34\%/K$
-  Weak light response ($200W/m^2$) $\geq 95\%$
-  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	182mmx182mm±0.25mm,Φ247±0.25mm
Cell Thickness	150μm±15μm
Front side	Adopt 10 bus bars two-slice structure, pad point width 0.8mm-1.4mm, 158±10 fingers, SiOxNy
Back side	The back bus bars is 1.65 ±0.2mm, 180 Aluminum fingers, SiN

Temperature Coefficients

Current Temperature Coefficient	Tkcurrent: +0.048%/K
Voltage Temperature Coefficient	Tkvoltage: -0.28 %/K
Power Temperature Coefficient	Tkpower: -0.34 %/K

Electrical Data

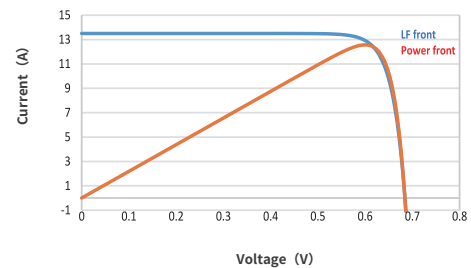
Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
23.8	7.86	0.621	12.658	0.701	13.650	82.12
23.7	7.83	0.620	12.624	0.700	13.631	82.01
23.6	7.79	0.619	12.590	0.699	13.611	81.90
23.5	7.76	0.618	12.554	0.697	13.610	81.79
23.4	7.73	0.617	12.521	0.696	13.597	81.63
23.3	7.69	0.616	12.488	0.695	13.583	81.49
23.2	7.66	0.615	12.454	0.694	13.568	81.34
23.1	7.63	0.614	12.421	0.693	13.551	81.21
23.0	7.59	0.613	12.387	0.692	13.498	81.29
22.9	7.56	0.612	12.354	0.691	13.479	81.17
22.8	7.53	0.611	12.320	0.690	13.449	81.12

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

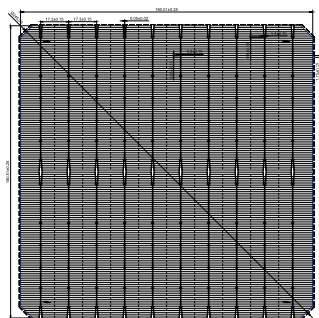
Spectral Response (SR)

Intensity(W/m ²)	Uoc	Isc
1000	1.000	1.000
800	0.991	0.801
600	0.989	0.601
400	0.962	0.402

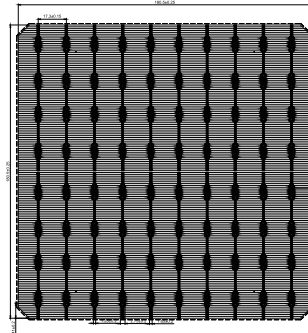
IV Curve



Dimension



Front side



Rear side

