

DAS-PMAD5B

P-Type Mono Bifacial Cell

Product Feature

- ◇ High conversion efficiency, Up to 22.0%
- ◇ Bifaciality ratio $\geq 70\%$
- ◇ Light Induced Degradation $\leq 2.5\%$
- ◇ PID resistant
- ◇ Power temperature coefficient $\leq -0.38\%/^{\circ}\text{C}$
- ◇ Relative conversion efficiency ($200\text{W}/\text{m}^2$) $\geq 95\%$

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

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Product Features

Dimension :	158.75mmx158.75mm±0.25mm
Cell Thickness :	180μm±20μm
Front side :	0.7±0.1mm wide bus bars, 110 finger grids, SiN
Back side :	2.0±0.1 mm wide discontinuous soldering pads, 142 Aluminum fingers, SiN

Temperature Coefficients

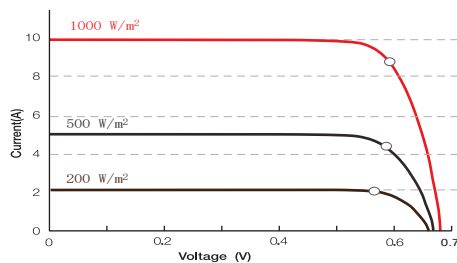
Current Temperature Coefficient	Tkcurrent : +0.048 %/K
Voltage Temperature Coefficient	Tkvoltage : -0.31 %/K
Power Temperature Coefficient	Tkpower : -0.38 %/K

Electric Performance

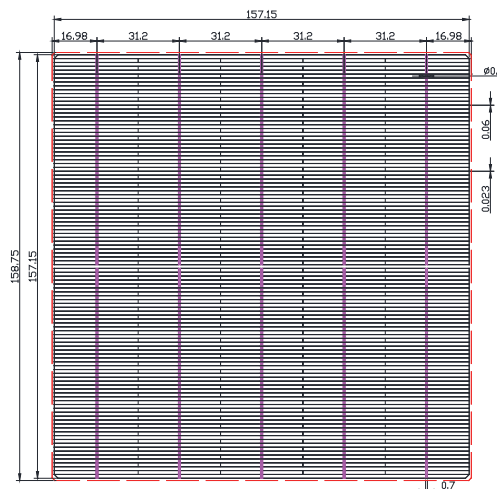
Eff(%)	Pmpp(W)	Ump(V)	Imp(A)	Uoc(V)	Isc(A)	FF(%)
22.30%	5.62	0.577	9.739	0.680	10.209	81.00
22.20%	5.59	0.576	9.713	0.679	10.194	80.89
22.10%	5.57	0.575	9.686	0.678	10.182	80.76
22.00%	5.54	0.574	9.659	0.677	10.172	80.62
21.90%	5.52	0.573	9.631	0.676	10.155	80.54
21.80%	5.49	0.572	9.604	0.675	10.141	80.43
21.70%	5.47	0.570	9.594	0.674	10.121	80.32
21.60%	5.44	0.568	9.583	0.673	10.116	80.23
21.50%	5.42	0.566	9.572	0.672	10.094	80.16
21.40%	5.39	0.565	9.545	0.671	10.080	80.00
21.30%	5.37	0.564	9.517	0.670	10.055	79.84

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

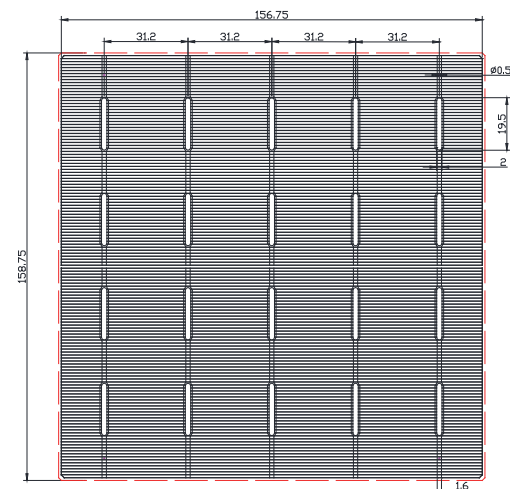
IV Curve



Front side



Rear side



Spectral Response (SR)

