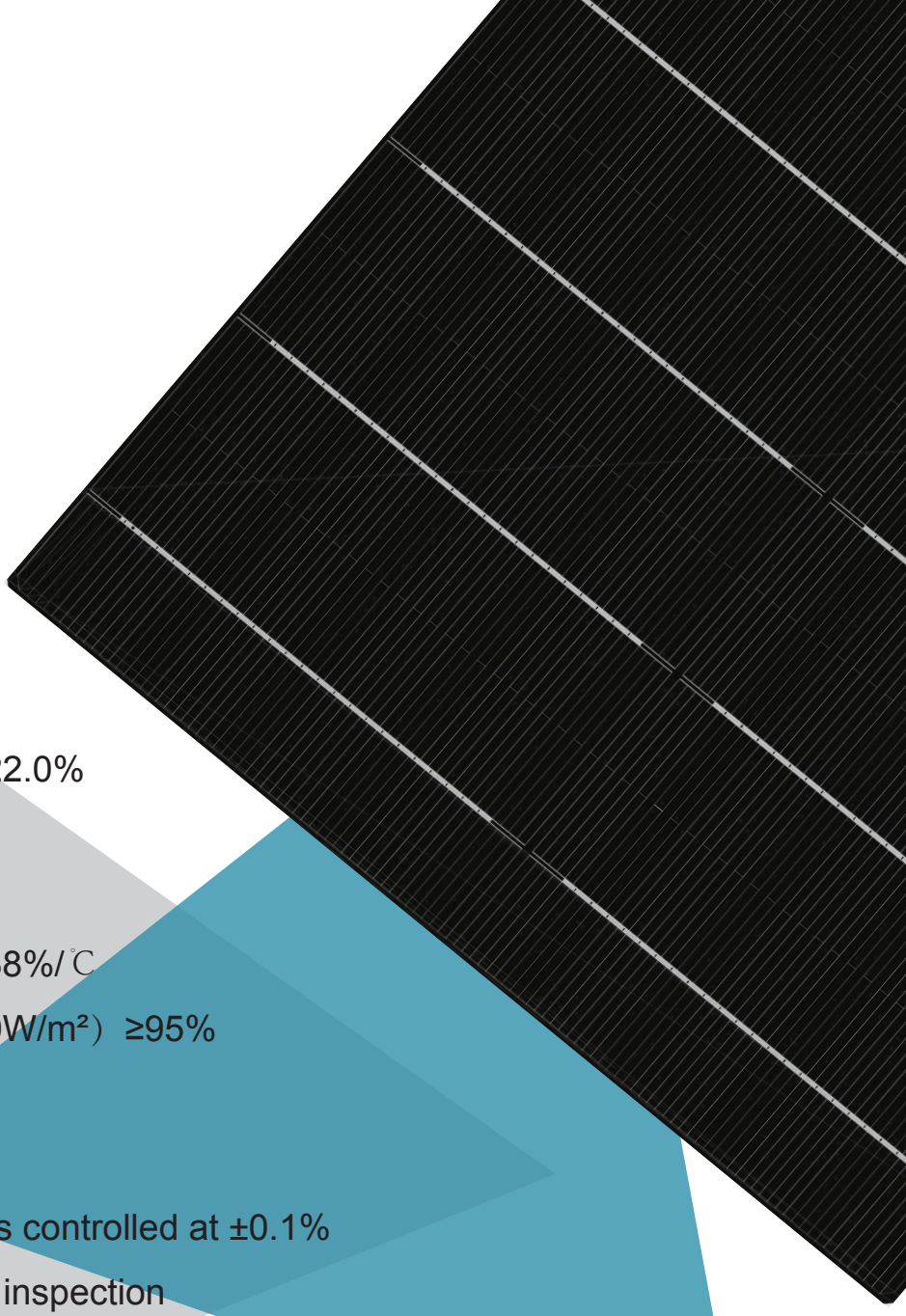
DAS-PMAS5B

P-Type Mono Cell



Product Feature

- High conversion efficiency，Up to 22.0%
- Light Induced Degradation ≤2.5%
- PID resistant
- Power temperature coefficient ≤-0.38%/℃
- Relative conversion efficiency（200W/m²）≥95%

Quality Control

- The accuracy of the efficiency test is controlled at ±0.1%
- IV/EL/Appearance 100% automatic inspection
- Calibration Cell soure 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

DASOLAR®
Das Solar Co., Ltd.

DAS solar has been founded in 2018, the total designed production capacity is 5GW high efficiency Mono cell and 3GW high efficiency Mono module. It will be 1.2GW high efficiency Mono PERC cell and 900 MW high efficiency Mono PERC module production capacity from early 2019.

DAS-PMAS5B P-Type Mono Cell

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，Aluminum back surface field

Temperature Coefficients

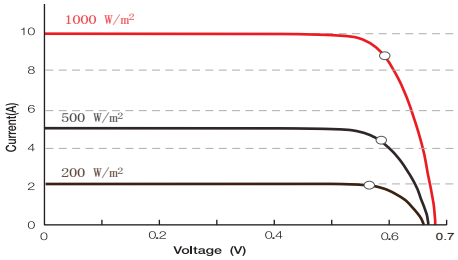
Current Temperature Coefficient	Tkcurrent：+0.048 %/K
Voltage Temperature Coefficient	Tkvoltage：-0.31 %/K
Power Temperature Coefficient	Tkpower：-0.38 %/K

Electric Performance

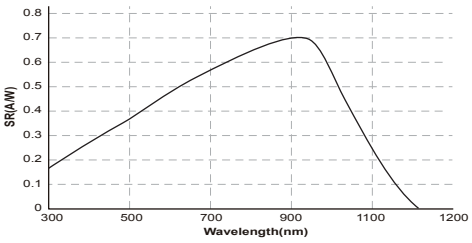
Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
22.30%	5.62	0.576	9.752	0.678	10.237	81.16
22.20%	5.59	0.575	9.717	0.677	10.222	81.05
22.10%	5.57	0.574	9.694	0.676	10.210	80.92
22.00%	5.54	0.573	9.682	0.675	10.200	80.78
21.90%	5.52	0.572	9.659	0.674	10.183	80.70
21.80%	5.49	0.571	9.638	0.673	10.169	80.59
21.70%	5.47	0.569	9.618	0.672	10.149	80.48
21.60%	5.44	0.567	9.603	0.671	10.144	80.39
21.50%	5.42	0.565	9.584	0.670	10.122	80.32
21.40%	5.39	0.564	9.572	0.669	10.108	80.16
21.30%	5.37	0.563	9.538	0.668	10.083	80.00

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

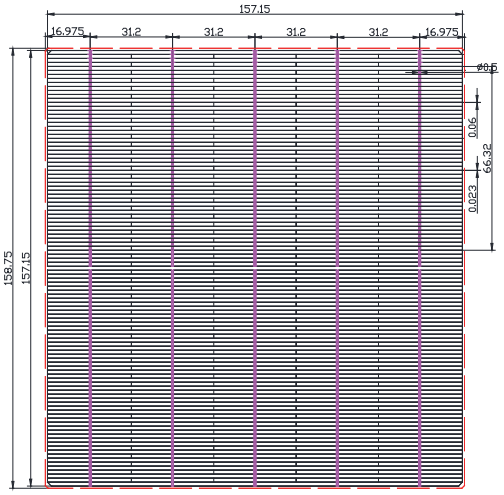
IV Curve



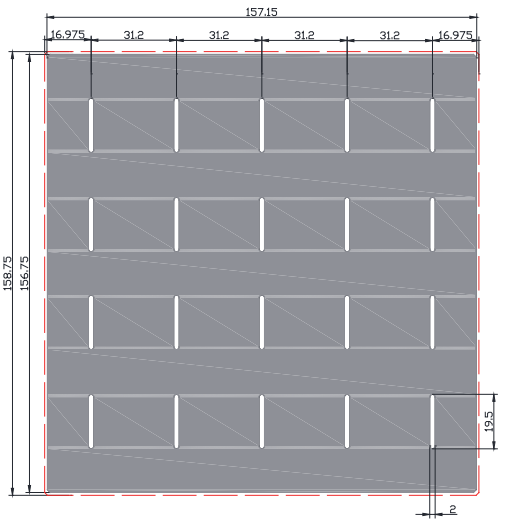
Spectral Response（SR）



Front side



Rear side



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