# DAS-PM2S5B

## P-Type Mono Cell

## **Product Feature**

- $\diamond$  High conversion efficiency, Up to 22.0%
- ◇ Light Induced Degradation ≤2.5%
- ◇ PID resistant
- ◇ Power temperature coefficient ≤-0.38%/ C
- ◇ Relative conversion efficiency (200W/m<sup>2</sup>) ≥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



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-PM2S5B P-Type Mono Cell

#### **Product Features**

Dimension:	156.75mmx156.75mm±0.25mm,				
Cell Thickness:					
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		

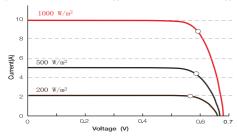
#### **Electric Performance**

Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	lsc(A)	FF(%)
22.30%	5.45	0.576	9.455	0.678	9.925	81.19
22.20%	5.42	0.575	9.421	0.677	9.910	81.08
22.10%	5.40	0.574	9.399	0.676	9.899	80.95
22.00%	5.38	0.573	9.387	0.675	9.889	80.81
21.90%	5.35	0.572	9.365	0.674	9.873	80.73
21.80%	5.33	0.571	9.344	0.673	9.859	80.62
21.70%	5.30	0.569	9.325	0.672	9.840	80.51
21.60%	5.28	0.567	9.310	0.671	9.835	80.42
21.50%	5.25	0.565	9.292	0.670	9.814	80.35
21.40%	5.23	0.564	9.280	0.669	9.800	80.19
21.30%	5.20	0.563	9.247	0.668	9.776	80.03

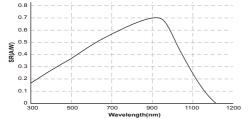
#### • Standard Test Conditions:1000W/ m², AM 1.5, 25°C

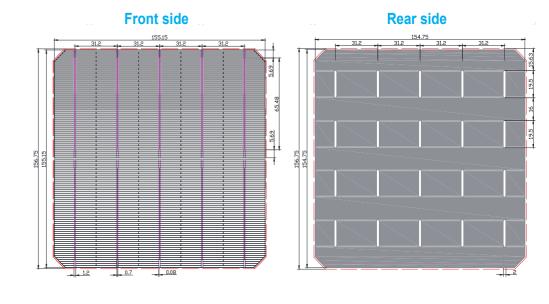
• Specifications and data are only for reference.

#### **IV Curve**



#### Spectral Response (SR)







Headquarter: No.43, Bailing south road, green industrial agglomeration area, Quzhou, Zhejiang Province ShangHai office: Room 606, Building A, No. 169 Shengxia road, Pudong new district, Shanghai WuXi office: Room 2580, Wuxi IFS, No. 99 Zhongshu road, Liangxi district, Wuxi, Jiangsu Province Web: www.das-solar.com Email: info@das-solar.com