

P-Type Mono Bifacial Cell

DAS-PM6D9B

Product Feature

 $\label{eq:high-conversion-efficiency} \mbox{High conversion efficiency, Up to } 23.0\% \\ \mbox{Bifaciality } \ge 70\% \\$

LID (Light Induced Degradation) ≤2.5%

High resistance of PID (Potential Induced Degradation)

Power temperature coefficient ≤-0.38%/°C

Weak light response (200W/m²) ≥95%

Lower CTM loss, better for the high efficiency module

Quality Control

Efficiency test accuracy is ±0.1%

100% automatic inspection of IV/EL/Appearance
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 2019.

Product Features

Dimension	166mmx166mm±0.25mm, Φ223mm±0.25mm		
Cell Thickness	180µm±20µm		
Front side	0.1 ± 0.05 mm wide bus bars, 116 finger grids , SiN		
Back side	1.8±0.3mm wide discontinuous soldering pads, 156 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

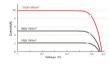
9 Electrical Data

Electrical Data								
Eff(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)		
23.0	6.31	0.595	10.597	0.686	11.317	81,22		
22.9	6.28	0.593	10.587	0.685	11.295	81.14		
22.8	6.25	0.591	10.576	0.684	11.273	81.06		
22.7	6.22	0.589	10.566	0.683	11.251	80.98		
22.6	6.20	0.587	10.555	0.682	11.230	80.90		
22.5	6.17	0.585	10.544	0.681	11.208	80.82		
22.4	6.14	0.583	10.533	0.680	11.186	80.73		
22.3	6.11	0.581	10.522	0.679	11.164	80.65		
22.2	6.09	0.579	10.511	0.678	11.143	80.56		
22.1	6.06	0.577	10.500	0.677	11.121	80.47		
22.0	6.03	0.575	10.489	0.676	11.099	80.39		

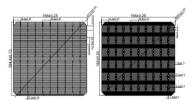
Standard Test Conditions:1000W/ m², AM 1.5, 25°C

Specifications and data are only for reference.

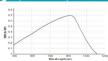
IV Curve



Dimension



Spectral Response(SR)



Front side Rear side



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