

# M6PW-5 5BB



## MONOCRYSTALLINE SILICON SOLAR CELLS

JUSTSolar's High-efficiency Mono Cells using passivated backside and local BSF Technology. Manufacturing modules with more than **290Wp (6x10)** and **345Wp (6x12)** power output becomes easier than ever.

### MECHANICAL DATA AND DESIGN

Format	156.75mmx156.75mm±0.25mm
Thickness	190µm±20µm
Front(-)	0.7 mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	2.1 mm wide soldering pads(silver) back surface field(aluminum)

### TEMPERATURE COEFFICIENTS

TkVoltage	-0.36%/K
TkCurrent	+0.04%/K
TkPower	-0.36%/K

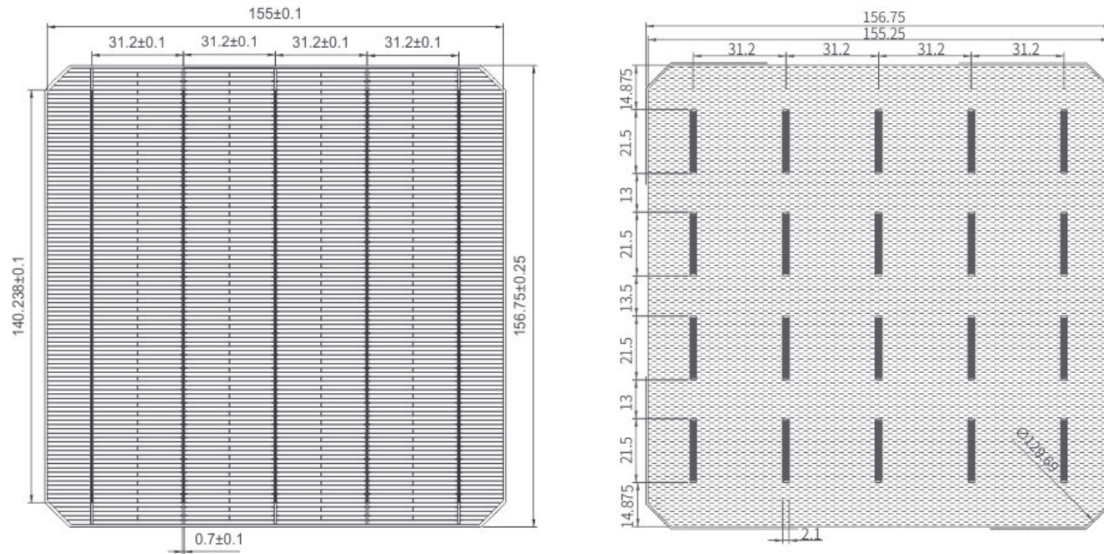
No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	21.30	5.20	0.571	9.121	0.672	9.603	80.58
09	21.20	5.18	0.570	9.105	0.671	9.583	80.56
08	21.10	5.16	0.568	9.099	0.670	9.581	80.38
07	21.00	5.13	0.567	9.065	0.669	9.566	80.16
06	20.90	5.11	0.565	9.055	0.668	9.569	79.94
05	20.80	5.08	0.562	9.052	0.667	9.532	79.90
04	20.70	5.06	0.561	9.028	0.665	9.529	79.85
03	20.60	5.03	0.558	9.028	0.663	9.507	79.80
02	20.30	4.96	0.552	9.002	0.648	9.518	80.57
01	20.20	4.94	0.552	8.958	0.647	9.487	80.56

Specifications subjects to technical changes and tests. JUST Solar reserves the right of final interpretation.

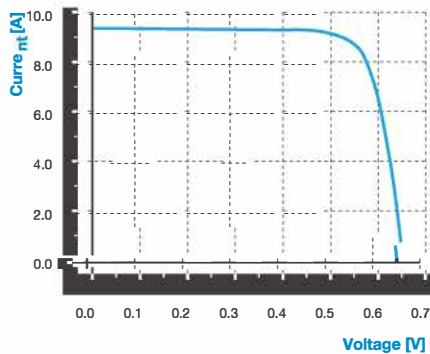
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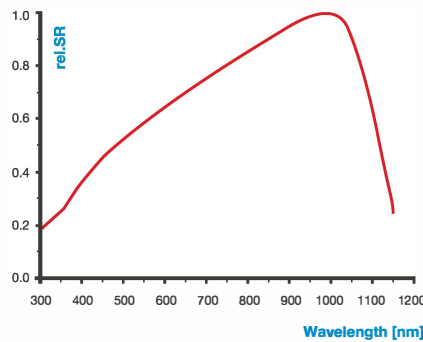
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### IV CURVE



### SPECTRAL RESPONSE



### INTENSITY DEPENDENCE

Intensity [W/m <sup>2</sup> ]	Isc*	Voc*	Pmpp
1000	1.00	1.00	1.00
900	0.90	1.00	0.90
800	0.80	0.99	0.79
500	0.50	0.97	0.49
300	0.30	0.95	0.29
200	0.20	0.93	0.19

\*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m<sup>2</sup>