

M6SK-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

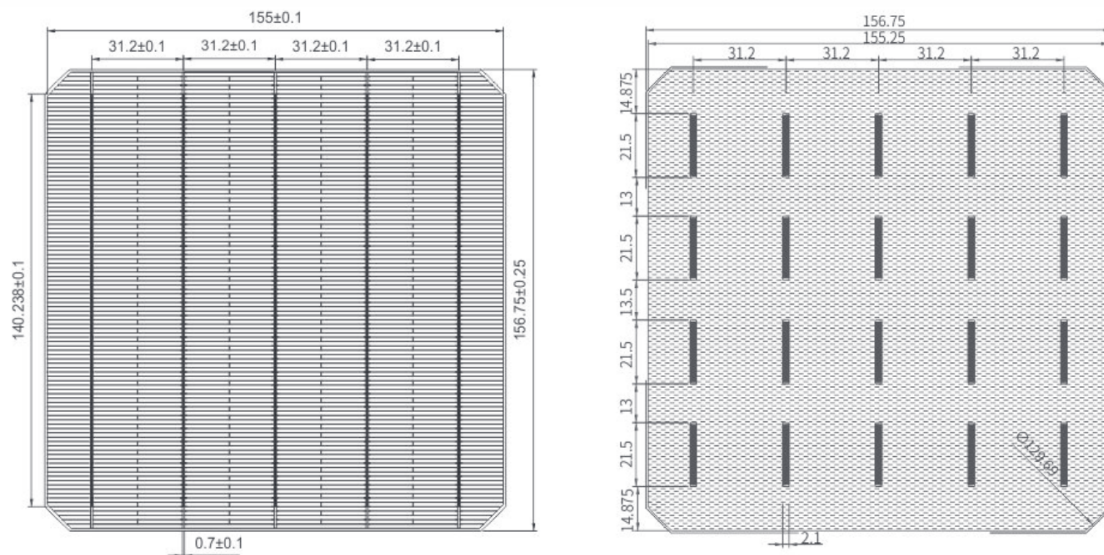
No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
08	20.30	4.96	0.552	9.002	0.648	9.518	80.57
07	20.20	4.94	0.552	8.958	0.647	9.487	80.56
06	20.10	4.91	0.551	8.915	0.647	9.424	80.56
05	20.00	4.89	0.550	8.891	0.646	9.397	80.55
04	19.90	4.86	0.549	8.856	0.645	9.372	80.43
03	19.80	4.84	0.548	8.836	0.644	9.358	80.35
02	19.70	4.81	0.546	8.824	0.642	9.348	80.28
01	19.60	4.79	0.544	8.816	0.641	9.334	80.16

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

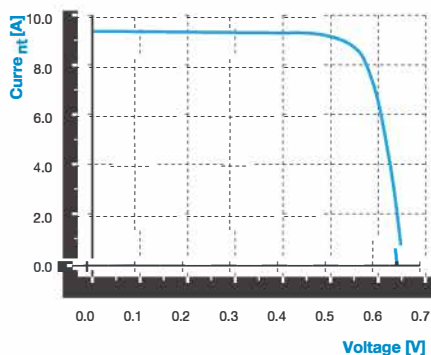
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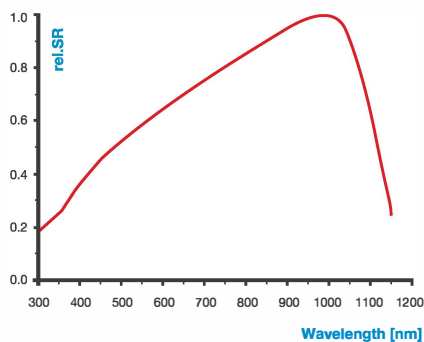
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IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	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/m²