

JACM6SR-3 3BB CYPRESS2

MONOCRYSTALLINE SILICON SOLAR CELLS

JA Solar's High-efficiency Mono Cells. Manufacturing modules with more than **275Wp (6×10)** and **325Wp (6×12)** power output becomes easier than ever.

MECHANICAL DATA AND DESIGN

Format	156mm×156mm±0.5mm
Thickness	210µm±30µm
Front(-)	1.4mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	2mm wide soldering pads(silver) back surface field(aluminum)

TEMPERATURE COEFFICIENTS

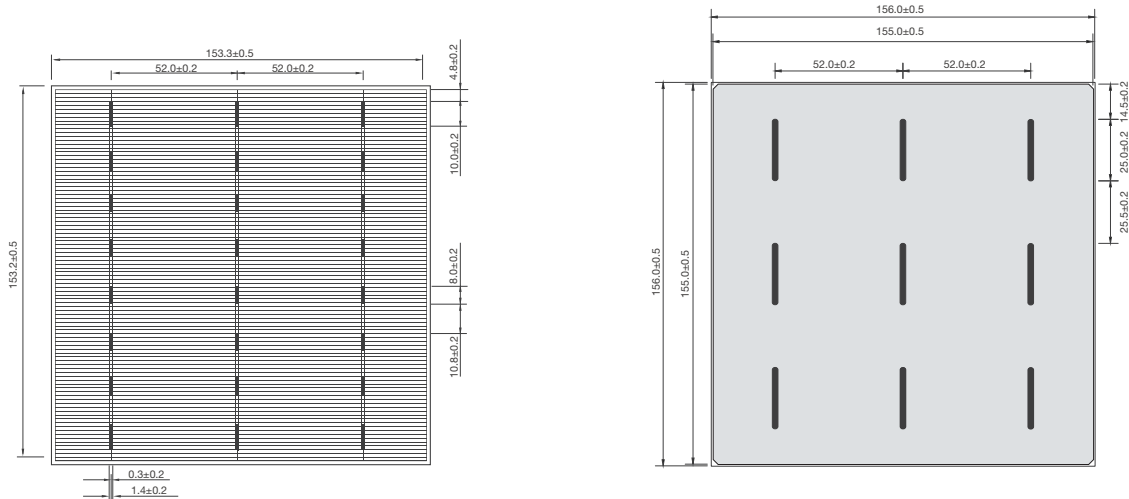
TkVoltage	-0.36%/K
TkCurrent	+0.06%/K
TkPower	-0.36%/K

No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	19.80-19.90	4.82	0.547	8.806	0.646	9.354	79.79
09	19.70-19.80	4.80	0.546	8.789	0.645	9.343	79.69
08	19.60-19.70	4.77	0.546	8.743	0.645	9.298	79.57
07	19.50-19.60	4.75	0.545	8.715	0.644	9.275	79.47
06	19.40-19.50	4.72	0.543	8.690	0.643	9.243	79.41
05	19.30-19.40	4.70	0.541	8.680	0.642	9.226	79.32
04	19.20-19.30	4.67	0.539	8.658	0.641	9.190	79.23
03	19.10-19.20	4.65	0.538	8.637	0.641	9.175	79.04
02	19.00-19.10	4.63	0.538	8.610	0.640	9.168	78.87
01	18.90-19.00	4.60	0.536	8.583	0.640	9.147	78.63

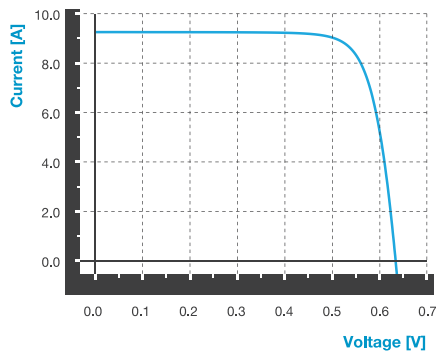
Specifications subjects to technical changes and tests. JA Solar reserves the right of final interpretation.

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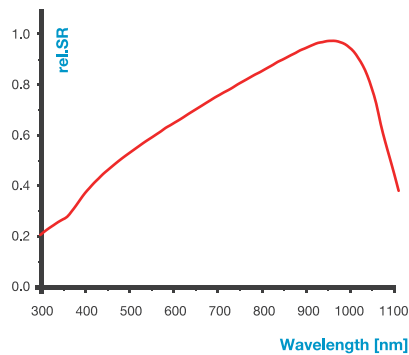
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IV CURVE



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