

# 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

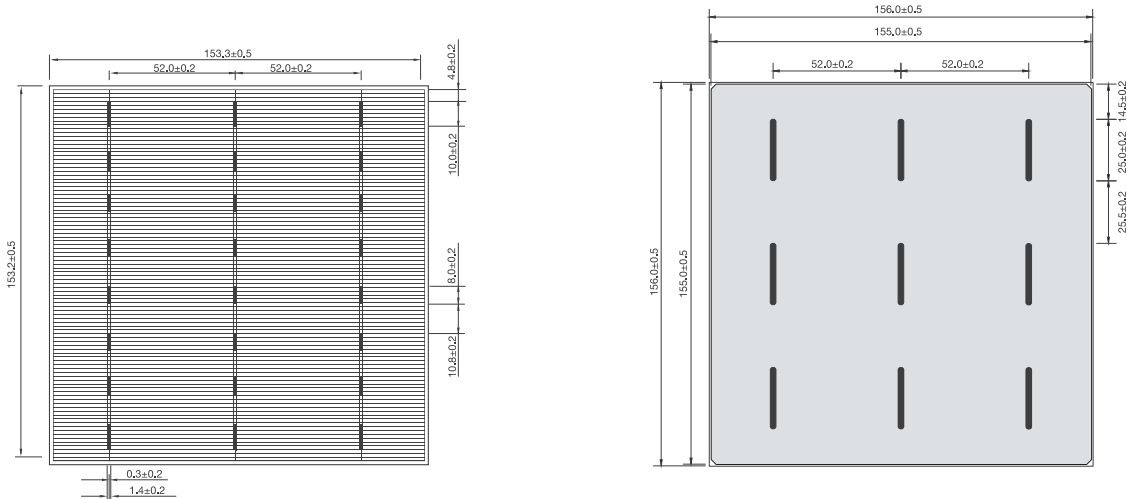
TkVoltage	-0.36%/K
TkCurrent	+0.06%/K
TkPower	-0.36%/K

No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
10	19.40-19.50	4.72	0.545	8.661	0.644	9.272	79.05
09	19.30-19.40	4.70	0.543	8.656	0.643	9.261	78.93
08	19.20-19.30	4.67	0.541	8.632	0.642	9.256	78.59
07	19.10-19.20	4.65	0.539	8.627	0.641	9.254	78.39
06	19.00-19.10	4.63	0.538	8.606	0.641	9.241	78.16
05	18.90-19.00	4.60	0.536	8.582	0.640	9.237	77.81
04	18.80-18.90	4.58	0.535	8.561	0.639	9.225	77.70
03	18.70-18.80	4.55	0.533	8.537	0.638	9.216	77.38
02	18.60-18.70	4.53	0.531	8.531	0.637	9.197	77.32
01	18.40-18.60	4.48	0.530	8.453	0.636	9.182	76.72

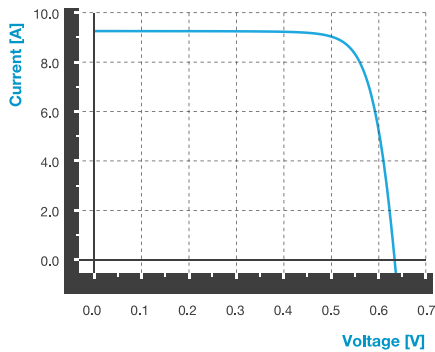
Specifications subjects to technical changes and tests. JA Solar reserves the right of final interpretation.

# JACM6SR-3

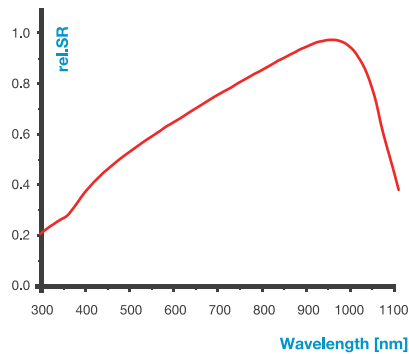
## 3BB CYPRESS2 MONOCRYSTALLINE SILICON SOLAR CELLS



### 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>