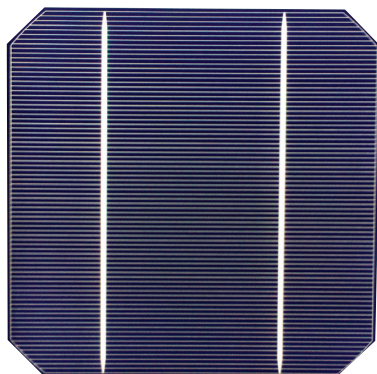


Sunrise 156x156 Monocrystalline Solar Cell 2 Bus Bars



1 ELECTRICAL DATA

Efficiency (%)	Pmpp (W)	Voc (V)	Isc (A)	Vmpp (V)	Impp (A)
19.20-19.30	4.60	0.6420	9.08	0.541	8.502
19.10-19.20	4.58	0.6410	9.05	0.540	8.474
19.00-19.10	4.55	0.6405	9.02	0.539	8.445
18.90-19.00	4.53	0.6400	8.99	0.538	8.417
18.80-18.90	4.50	0.6390	8.96	0.537	8.388
18.70-18.80	4.48	0.6380	8.93	0.536	8.359
18.60-18.70	4.46	0.6370	8.90	0.535	8.330
18.50-18.60	4.43	0.6360	8.88	0.534	8.301
18.40-18.50	4.41	0.6350	8.86	0.533	8.271
18.30-18.40	4.38	0.6340	8.84	0.532	8.242
18.20-18.30	4.36	0.6330	8.82	0.531	8.213

Measured at Standard Testing Conditions (STC): 1000 W/m², 25°C, AM1.5G Ed.2 (2008)
All figures are averages with ±1.5% tolerance.

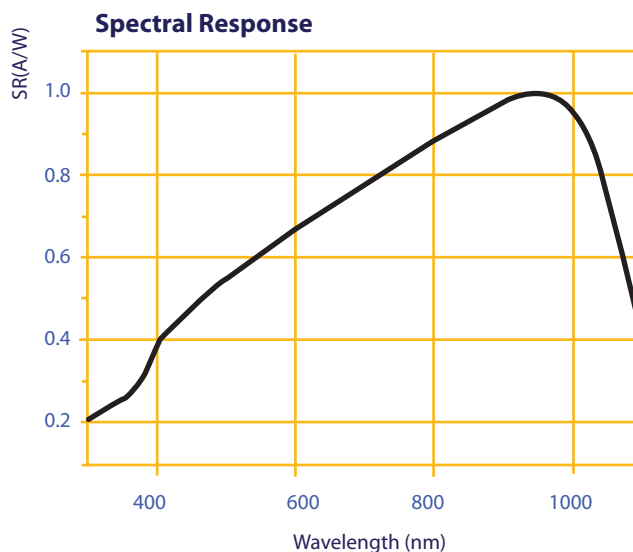
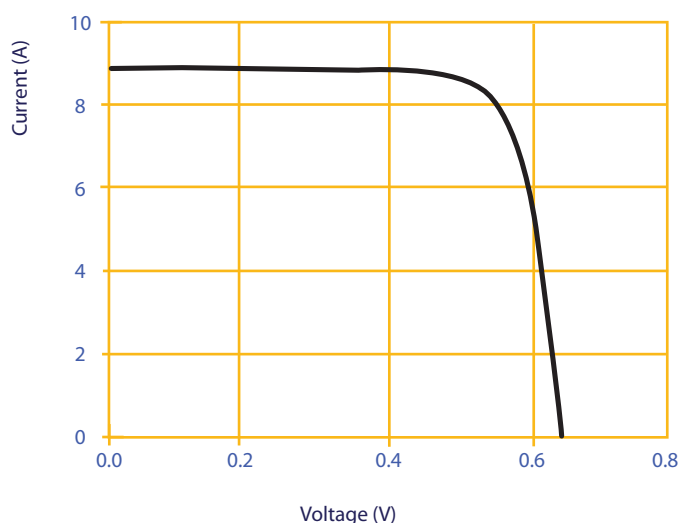
2 Mechanical Design

Square length	156 ± 0.5 mm
Diameter	200 ± 0.5 mm (round chamfers)
Thickness	200 ± 30µm
Base material	p-type mono-crystalline silicon wafer
Junction	Phosphorous diffused N on P

3 TEMPERATURE COEFFICIENTS

Voltage	-0.3251 %/K
Current	0.0484 %/K
Power	-0.4080 %/K

4 ELECTRICAL CURVES



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