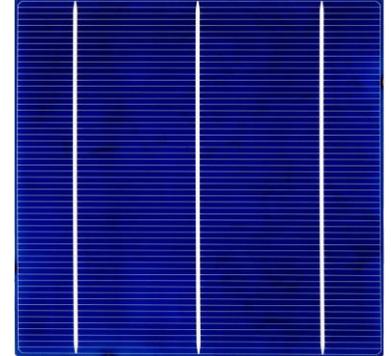


Physical Characteristics

Dimension	156 mm x 156 mm ± 0.5 mm
Thickness (Si)	200µm ± 30µm
Front	Three silver busbars, acid texturized surface with dark blue silicon nitride anti-reflection coating.
Back	Full-surface aluminum BSF, Silver / Aluminum soldering pads.



Electrical Characteristics

Efficiency Code	1840	1820	1800	1780	1760	1740	1720
Efficiency (%)	18.40	18.20	18.00	17.80	17.60	17.40	17.20
Pmax (W)	4.48	4.43	4.38	4.33	4.28	4.23	4.19
Vmpp (V)	0.532	0.529	0.525	0.522	0.519	0.535	0.516
I _{mp} (A)	8.370	8.326	8.279	8.251	8.205	8.158	8.112
Voc (V)	0.633	0.633	0.632	0.631	0.63	0.629	0.627
Isc (A)	8.76	8.69	8.63	8.57	8.51	8.45	8.39

*Data under standard testing conditions (STC): 1000 W/M², AM1.5, 25°C. All figures bear ±5% of tolerance. The measurement of cell is calibrated by Fraunhofer ISE.
Model name = Product code + Efficiency code. Example: B156L1D2A-1960

Typical Temperature Coefficients

Voltage	-0.32 %/°C
Current	+0.05 %/°C
Power	-0.37 %/°C

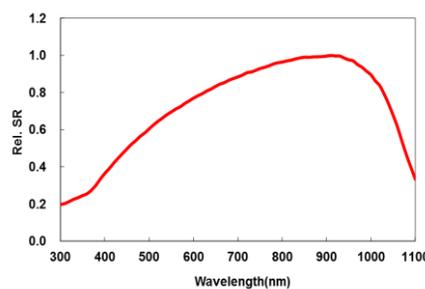
Quality

BIG SUN's Quality system is certified by ISO 9001, Environmental Management System by ISO 14001, Occupational Health and Safety Management System by OHSAS 18001.

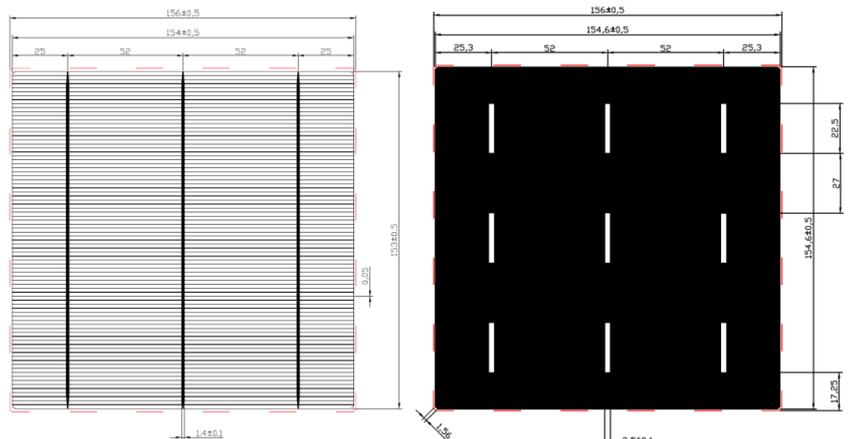
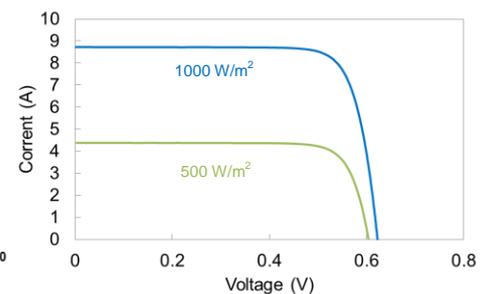
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Spectral Response (SR)



IV Curve of Cell: 1780



Subject to specification changes without notification.