

Physical Characteristics

Dimension	156.75 mm x 156.75 mm ± 0.5 mm
Diagonal	205 mm ± 1.0 mm (round chamfers)
Thickness (Si)	200µm ± 30µm
Front	Three silver busbars, anisotropically texturized surface with dark blue silicon nitride anti-reflection coating.
Back	Full-surface aluminum BSF, Silver / Aluminum soldering pads.



Electrical Characteristics

Efficiency Code	2000	1990	1980	1970	1960	1950	1940
Efficiency (%)	≥20.0	19.9	19.8	19.7	19.6	19.5	19.4
Pmax (W)	≥4.857	4.833	4.808	4.784	4.760	4.735	4.711
Vmpp (V)	0.543	0.542	0.540	0.539	0.537	0.535	0.534
Impp (A)	8.952	8.938	8.923	8.911	8.899	8.887	8.875
Voc (V)	0.642	0.641	0.641	0.640	0.640	0.640	0.640
Isc (A)	9.458	9.452	9.444	9.439	9.434	9.428	9.423

*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	-1.92 mV/K
Current	+5.16 mA/K
Power	-0.34%/K

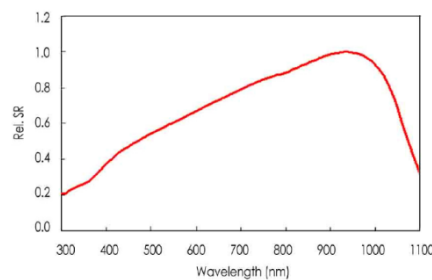
Quality

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.

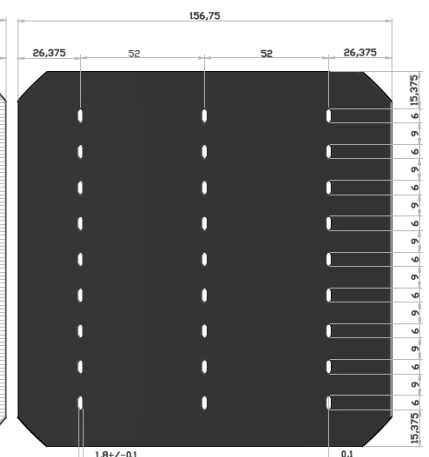
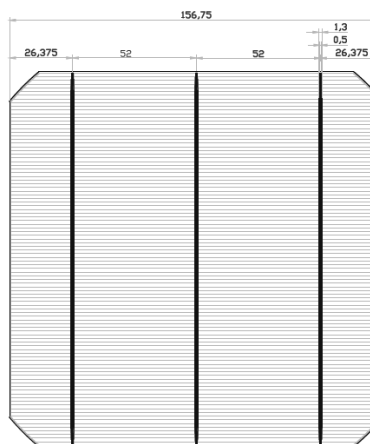
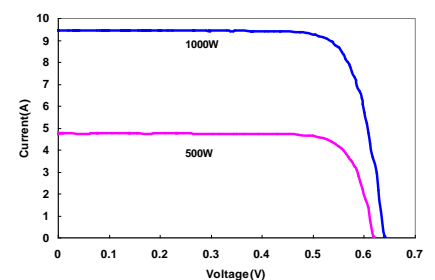
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Spectral Response (SR)



IV Curve of Cell: 1960



Subject to specification changes without notification.