

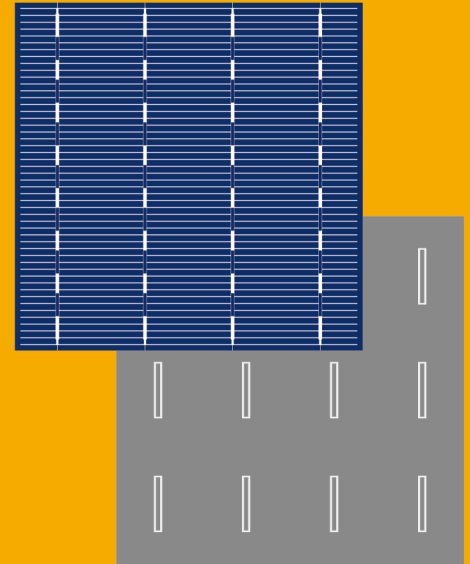
POLY-CRYSTALLINE SOLAR CELL

CE-156.75mm × 156.75mm



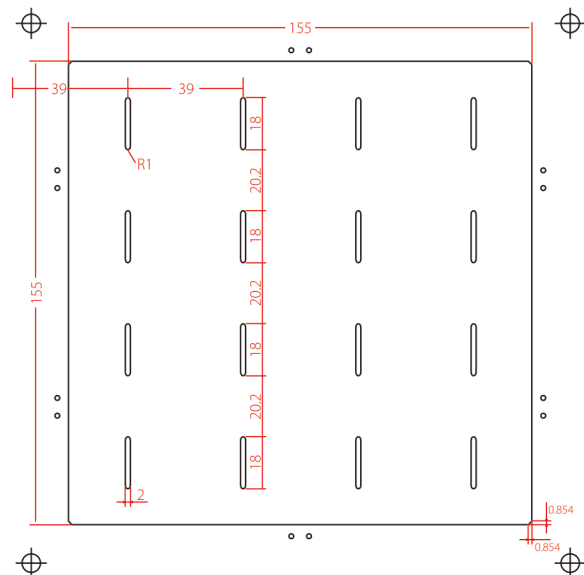
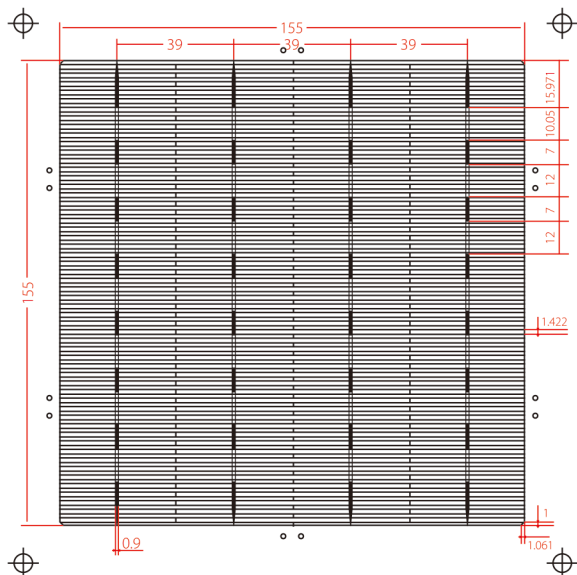
Mechanical Characteristics

Format	156.75mm X 156.75mm
Thickness	200um ± 20um
Front (-)	0.9mm silver segmented busbar Silicom Nirtide antireflection coating
Back (+)	2.0mm segmented soldering silver pads Back surface field (aluminium)



Features

- Extremely low power loss
- Low fragmentation rate
- High quality appearance & color uniformity
- Excellent weldability
- PID resistance
- Outstanding power output even in low light
- Stable performance for rooftop or underground solar system



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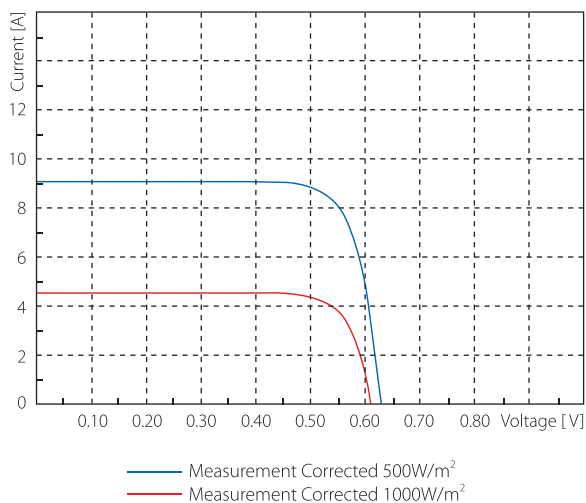
Electrical Characteristics under STC*

Efficiency (%)	19.2	19.0	18.8	18.6	18.4	18.2	18.0
Power-Ppm (W)	4.72	4.67	4.62	4.57	4.52	4.47	4.42
Current at Maximum Power-Imp(A)	8.693	8.655	8.507	8.432	8.372	8.312	8.267
Short Circuit Current-Isc(A)	9.189	9.153	9.017	8.996	8.875	8.804	8.753
Voltage at Maximum Power-Vmp(V)	0.546	0.545	0.543	0.542	0.540	0.538	0.535
Open Circuit VoltageVoc(V)	0.639	0.637	0.637	0.636	0.636	0.635	0.635

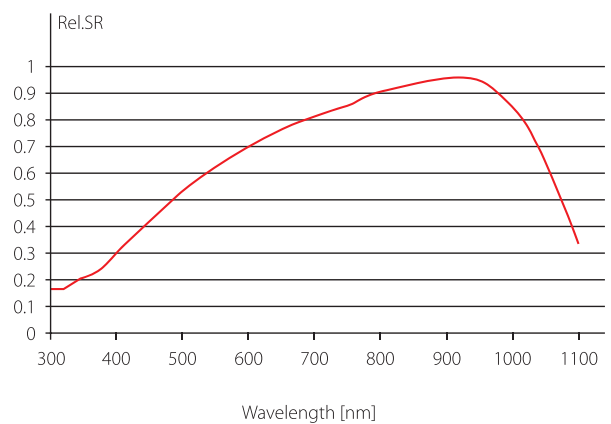
Temperature Characteristics

Current Temperature Coefficient-Isc	TKCurrent: +0.02% / °C
Voltage Temperature Coefficient-Voc	TKVoltage: -0.32% / °C
Power Temperature Coefficient-Pmax	TKPower: -0.45% / °C

IV Curve



Spectral Response (SR)



Tel: +86 25 8566 0862

Email: info@centro-energy.com

Web: www.centro-energy.com

Chinese Factory Add: Industrial Park, Ehu Town, Xishan District, Wuxi, China

Vietnam Factory Add: Dai Dong-Hoan Son Industrial Zone, Bac Ninh Province, Vietnam