

4BB MONO SOLAR CELL

CE-156.75mm x 156.75mm

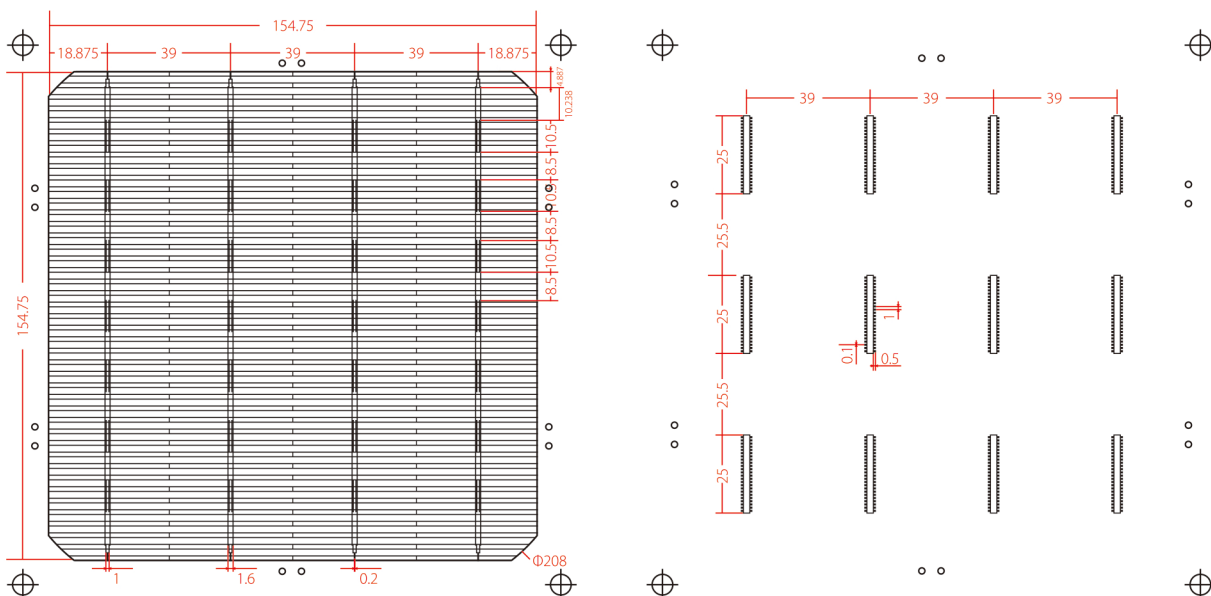
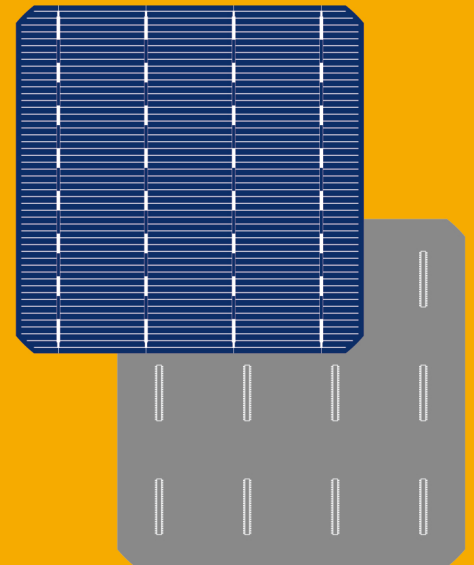


Mechanical Characteristics

Format	156.75mm X 156.75mm
Thickness	200um ± 20um
Front (-)	1.0 mm silver segmented busbar Silicon Nitride 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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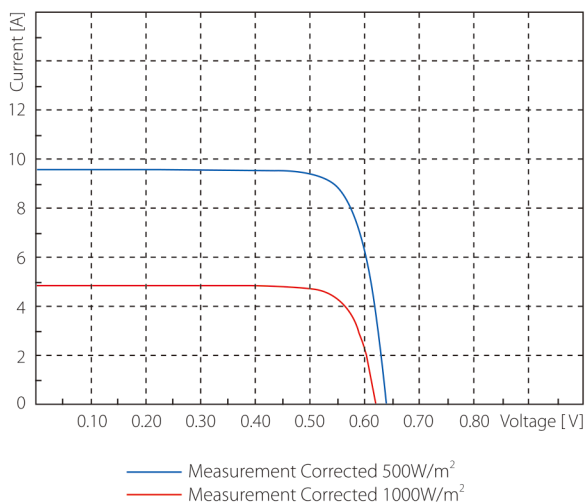
Electrical Characteristics under STC*

Efficiency (%)	22.0	21.8	21.6	21.4	21.2	21.0	20.8
Power - P _{pm} (W)	5.38	5.33	5.28	5.23	5.18	5.13	5.08
Current at Maximum Power - I _{mp} (A)	9.276	9.253	9.231	9.208	9.184	9.161	9.137
Short Circuit Current - I _{sc} (A)	9.805	9.793	9.781	9.770	9.758	9.746	9.735
Voltage at Maximum Power - V _{mp} (V)	0.580	0.576	0.572	0.568	0.564	0.560	0.556
Open Circuit Voltage - V _{oc} (V)	0.669	0.667	0.665	0.663	0.661	0.659	0.657

Temperature Characteristics

Current Temperature Coefficient - I _{sc}	TKCurrent: +0.02 % / °C
Voltage Temperature Coefficient - V _{oc}	TKVoltage: -0.32 % / °C
Power Temperature Coefficient - P _{max}	TKPower: -0.45 % / °C

IV Curve



Spectral Response (SR)

