



Features

1. High-efficiency solar cells with an isotropically-etched surface
2. Silicon nitride anti-reflective coating to lock more sunlight and convert it into electrical energy
3. Silver front contact bars and full surface aluminum back contact field
4. Low power loss to ensure long-term stable component power output
5. Low fragmentation rate
6. PID resistance
7. High quality appearance & color uniformity

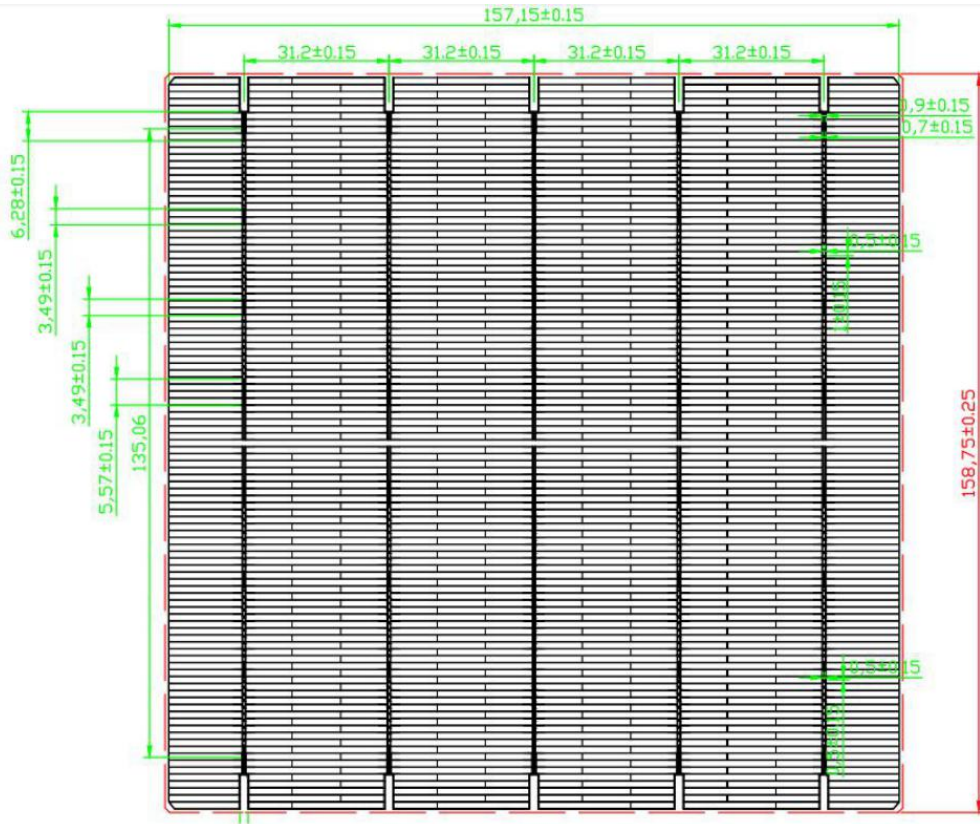
II Model Type

Dimension	158.75mm*158.75mm±0.25mm
Thickness	200±20µm
Front	0.70mm silver bus bars, blue silicon nitride anti-reflecting coating
Back(+)	1.3mm/1.8mm wide soldering pads (silver) back surface (aluminum)

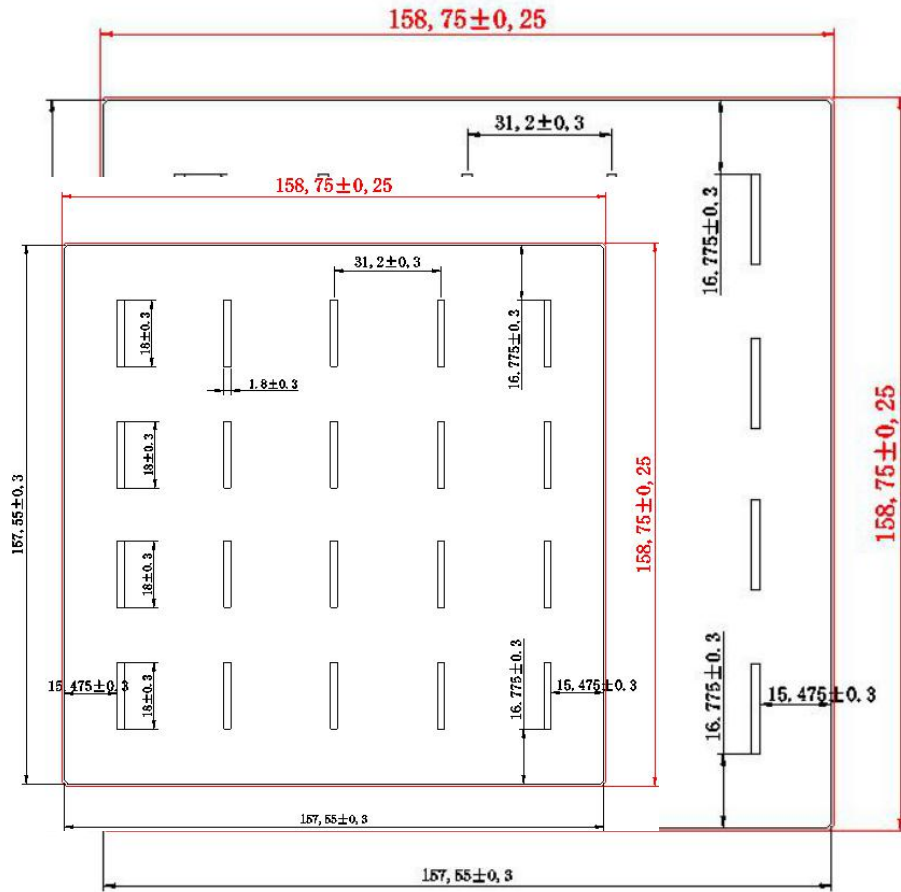
Wafer—P type Dopant —Boron Diffusion
 material—Phosphorus

Cell Layout

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Note: Red line above is cell border reference line.

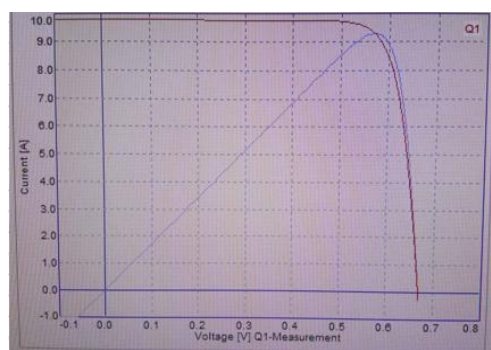
Electrical Characteristics

NO	Efficiency (%)	Pmpp (w)	Umpv (v)	Impp (A)	Uoc (V)	Isc (A)
1	22.4	5.64	0.583	9.672	0.680	10.242
2	22.3	5.62	0.581	9.671	0.679	10.234
3	22.2	5.59	0.578	9.665	0.678	10.209
4	22.1	5.57	0.577	9.659	0.677	10.206
5	22.0	5.54	0.575	9.643	0.676	10.191
6	21.9	5.52	0.573	9.638	0.675	10.182
7	21.8	5.49	0.570	9.629	0.674	10.148
8	21.7	5.47	0.568	9.622	0.673	10.132
9	21.6	5.36	0.566	9.612	0.672	10.112
10	21.5	5.42	0.564	9.602	0.670	10.101

Temperature Coefficients

Current temperature coefficient	+0.0002%/°C
Voltage temperature coefficient	-0.0032%/°C
Power temperature coefficient	-0.41%/°C

IV Curve



Spectral response

