



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

Physical Characteristics

Dimension	157mm*157mm±0.25mm
Thickness	200±20µm
Front	0.7mm silver bus bars, blue silicon nitride anti-reflecting coating
Back(+)	1.6mm wide soldering pads (silver) back surface (aluminum)

Cell Layout

Electrical Characteristics

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

NO	Efficiency (%)	Pmpp (w)	Umpp (v)	Impp (A)	Uoc (V)	Isc (A)
1	19.8	4.83	0.583	8.937	0.639	8.967
2	19.7	4.81	0.582	8.992	0.673	8.939
3	19.6	4.79	0.580	8.967	0.635	8.915
4	19.5	4.77	0.579	8.484	0.634	8.898
5	19.4	4.75	0.578	8.723	0.633	8.859
6	19.3	4.73	0.577	8.798	0.632	8.828
7	19.2	4.71	0.575	8.773	0.631	8.802
8	19.1	4.69	0.564	8.748	0.630	8.777
9	19.0	4.67	0.564	8.728	0.628	8.752

Temperature Coefficients

IV Curve

Spectral response

