

5BB POLY SOLAR CELL

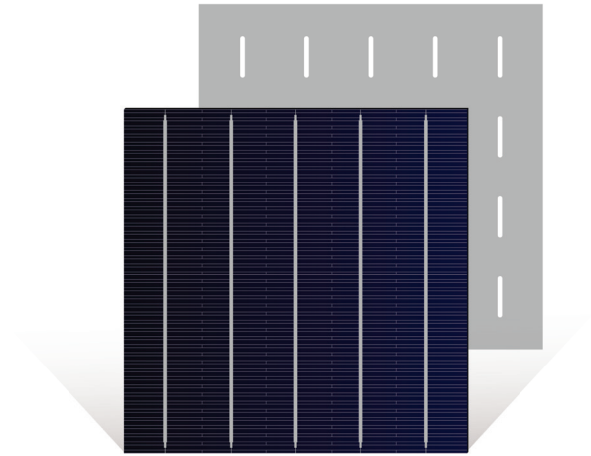
157mmx157mm

Mechanical Characteristics

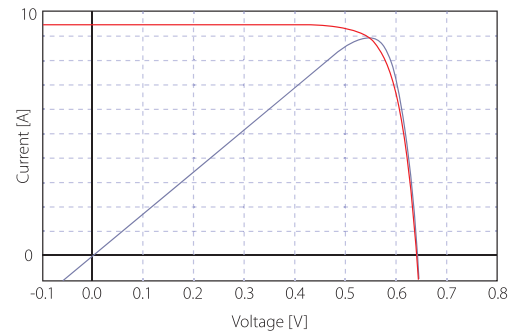
Format	157mmX157mm
Thickness	200um ± 30um
Front (-)	0.7±0.1mm silver segmented busbar Blue anti-reflecting, coating (silicon nitride)
Back (+)	1.8±0.2mm wide soldering silver pads, Back surface field (aluminium)

Temperature characteristics

Current Temperature Coefficient-Isc	TKCurrent: +0.06%/K
Voltage Temperature Coefficient-Voc	TKVoltage: -0.36%/K
Power Temperature Coefficient-Pmax	TKPower: -0.36%/K



Iv Curve



Electrical Characteristics under STC*

Efficiency (%)	19.2	19.0	18.8	18.6	18.4	18.2
Power-Ppm (W)	4.72	4.67	4.62	4.57	4.52	4.47
Current at Maximum Power-Imp(A)	8.548	8.513	8.461	8.424	8.382	8.351
Short Circuit Current-Isc(A)	9.057	9.024	8.991	8.958	8.920	8.892
Voltage at Maximum Power-Vmp(V)	0.551	0.548	0.546	0.543	0.539	0.535
Open Circuit VoltageVoc(V)	0.648	0.645	0.643	0.640	0.637	0.634

