

BSE-P157-BB12 Solar cells

Product

Item	157.0mm Poly solar cells
Dimensions	157.0mm × 157.0mm ± 0.25mm square wafers
Diameter	220 ± 0.5mm
Thickness	190um ± 20um
Front	0.07 mm silver bus bar and 106 fingers
	Silicon Nitride antireflection coating
Back	1.3mm segmented soldering silver pads
	Back surface field (aluminum)
Temperature Coefficients	TKVoltage: -0.39 % / °C; TKCurrent: +0.07 % / °C; TKPower: -0.38 % / °C

Electric feature

Pmpp(W)	Efficiency	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF
5.18	21	0.568	9.113	0.668	9.599	80.73
5.15	20.9	0.567	9.086	0.667	9.58	80.62
5.13	20.8	0.566	9.058	0.666	9.561	80.52
5.1	20.7	0.565	9.031	0.665	9.542	80.41
5.08	20.6	0.564	9.003	0.664	9.516	80.36
5.05	20.5	0.563	8.975	0.663	9.495	80.27
5.03	20.4	0.561	8.963	0.661	9.491	80.15
5	20.3	0.56	8.935	0.66	9.472	80.04
4.98	20.2	0.559	8.907	0.659	9.453	79.93

Testing conditions : 1000W/m² , AM 1.5 , 25 °C , Tolerance : Efficiency ± 0.2% abs., Pmpp ± 1.5%rel, Area:245.70cm²