

JS157B5

POLYCRYSTALLINE
CELLS

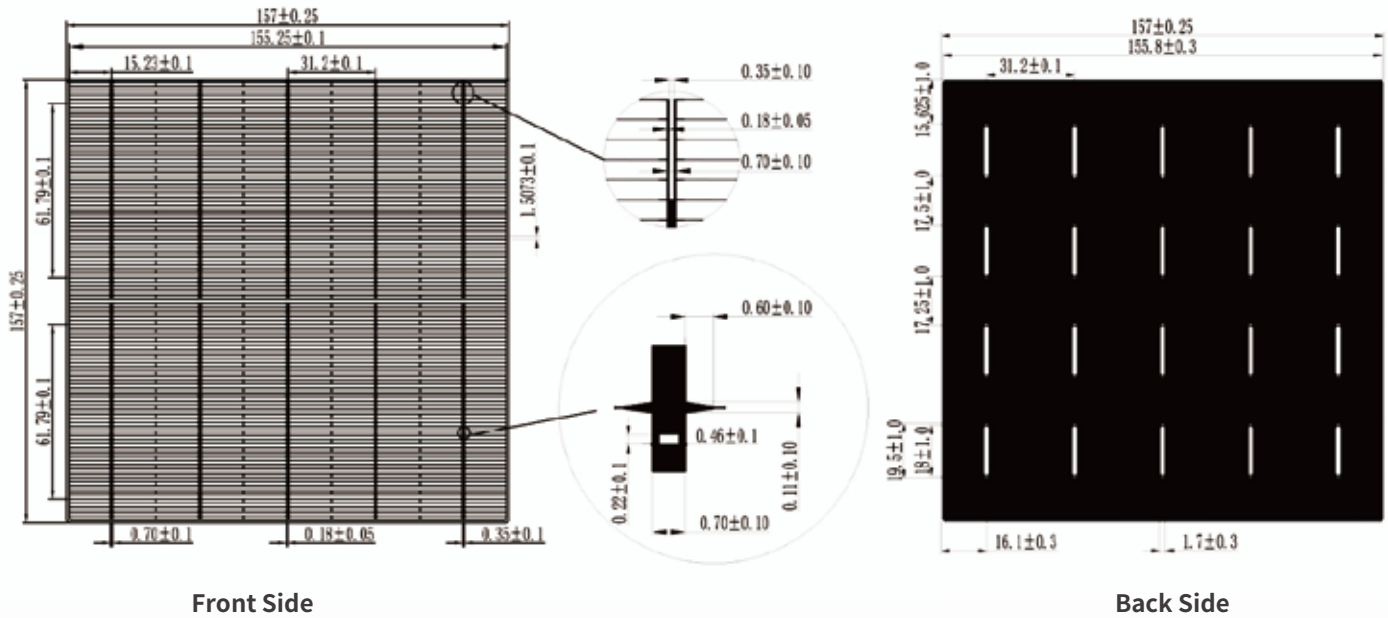
Features

- High conversion efficiencies resulting in superior power output performance.
- Outstanding power output even in low light or high temperature conditions.
- Optimized design for ease of soldering and lamination.
- Long-term stability, reliability and performance.
- Low breakage rate.
- Uniform Color.

Product Specification

Dimension	157mm × 157mm ± 0.25mm
Thickness(Si)	160μm ± 10μm
Front	Blue silicon nitride anti-reflection coatings
	0.7+0.05 mm silver busbars
Back	Full-surface aluminum back-surface field
	1.7mm (silver / aluminum) discontinuous soldering pads

Solar Cell Structure



Electrical performance

Efficiency Code	Eff(%)	Ppm(W)	Ipm(A)	Isc(A)	Vpm(V)	Voc(V)
190	19.00	4.67	8.54	9.02	0.547	0.641
189	18.90	4.64	8.51	9.00	0.545	0.641
188	18.80	4.62	8.49	8.97	0.544	0.640
187	18.70	4.59	8.47	8.95	0.543	0.639
186	18.60	4.57	8.45	8.92	0.541	0.638
185	18.50	4.55	8.40	8.89	0.542	0.635
184	18.40	4.52	8.38	8.86	0.540	0.634
183	18.30	4.50	8.36	8.84	0.538	0.633
182	18.20	4.47	8.33	8.81	0.537	0.631
180	18.00	4.42	8.27	8.76	0.535	0.629

Standard test conditions: AM 1.5, 1000W/m², 25°C.