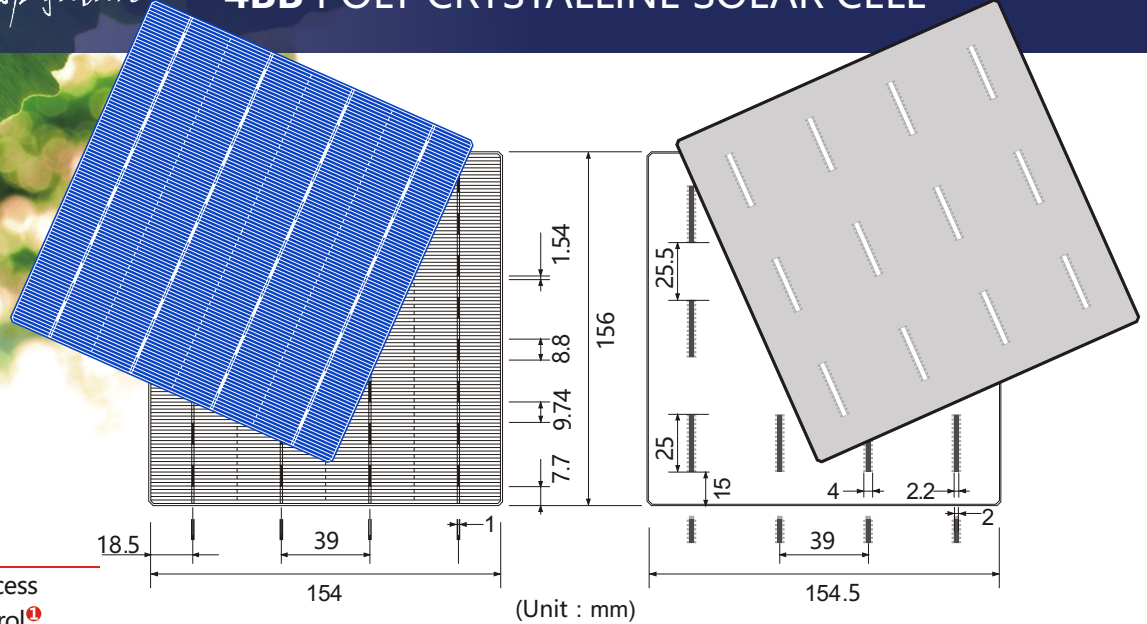


绿色瑞晶 把握未来
Green Risun Grasp future

RSC156P-PID RESISTANT 4BB POLY CRYSTALLINE SOLAR CELL



FEATURES

- Ozonized PID resistant process
- Tighter color variation control^①
- <1.0mm graphite boat button size^②
- >1.5N peel strength for Front Ag busbar^③
- >2.0N peel strength for Back Ag busbar^③
- Cell bow <2.0mm

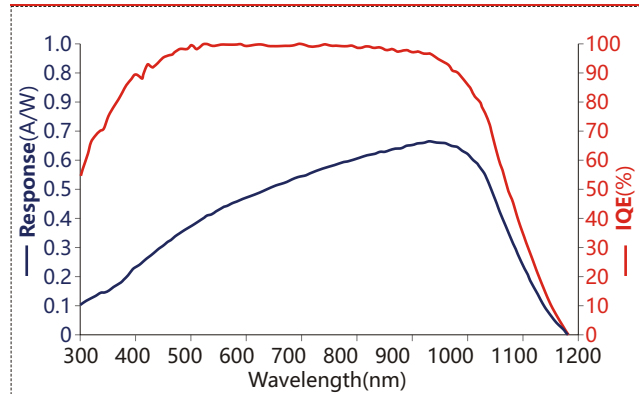
MECHANICAL DATA & DESIGN

Format	156 × 156mm ± 0.5mm
Thickness	220 ± 20μ / 200 ± 20μ
Front	1.0mm wide discontinuous BB SiN Blue ARC
Back	2.0mm exposed BB width Al BSF

TEMPERATURE COEFFICIENTS^④

Voc (β)	-0.33% /°C
Isc (α)	+0.06% /°C
Pmp (γ)	-0.40% /°C

SPECTRAL RESPONSE, IQE AND IRRADIANCE DEPENDENCE^④



Irradiance W/m ²	Isc*	Voc*	Pmp*
1000	1.00	1.00	1.00
800	0.80	0.99	0.79
600	0.60	0.98	0.59
400	0.40	0.96	0.38
200	0.20	0.93	0.18

Values normalized to 1000 W/m² Irradiance

CELL SPECIFICATION

Eff, %	Pmpp, W	Vmpp, V	Imp, A	Voc, V	Isc, A	FF, %
18.7	4.55	0.538	8.463	0.634	8.998	79.8
18.6	4.53	0.536	8.439	0.632	8.974	79.8
18.5	4.50	0.535	8.417	0.631	8.953	79.7
18.4	4.48	0.533	8.394	0.630	8.932	79.6
18.3	4.45	0.532	8.372	0.629	8.913	79.5
18.2	4.43	0.531	8.347	0.628	8.890	79.4
18.1	4.40	0.529	8.325	0.627	8.870	79.3
18.0	4.38	0.527	8.308	0.625	8.855	79.1
17.9	4.36	0.526	8.282	0.625	8.833	79.0
17.8	4.33	0.524	8.260	0.624	8.819	78.7
17.7	4.31	0.523	8.237	0.622	8.783	78.9
17.6	4.28	0.522	8.199	0.623	8.773	78.4
17.5	4.26	0.519	8.202	0.621	8.789	78.1

Measurements at Standard Test Conditions (STC), 1000W/m², 25°C, AM1.5G Spectrum

- ① Ref: Risun Solar Optical Inspection Standard; Please contact sales@risunsolar.com for the document.
- ② Graphite button mark not protruding the extreme fingers or cover fingers.
- ③ Peel strength test referenced to 180° peel angle using Auto Tab Pull Tester.
- ④ Temperature coefficients, Spectral response, IQE curve and Irradiance dependence measured at National Center of Supervision and Inspection on Solar PV products Quality, CPVT Testing lab, Wuxi, China.

Remark: Product specifications are subject to change without notice. Risun Solar reserves the right for the final interpretation of all figures reported in this specification document.

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