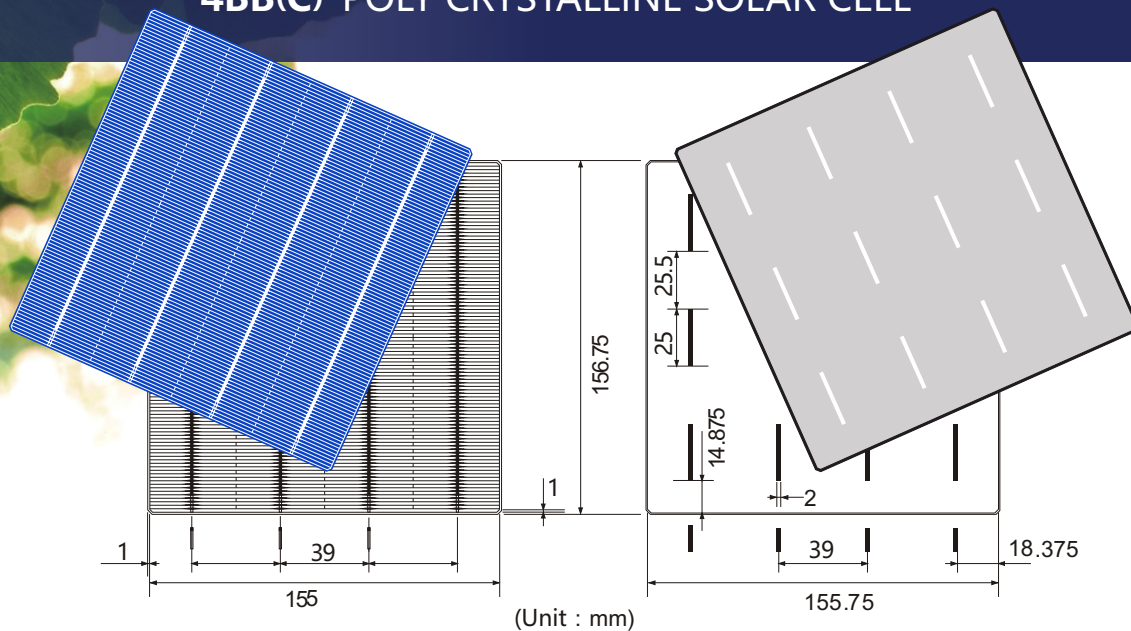


Green Risun Grasp future

# RSC156P(E)-PID RESISTANT 4BB(C) POLY CRYSTALLINE SOLAR CELL



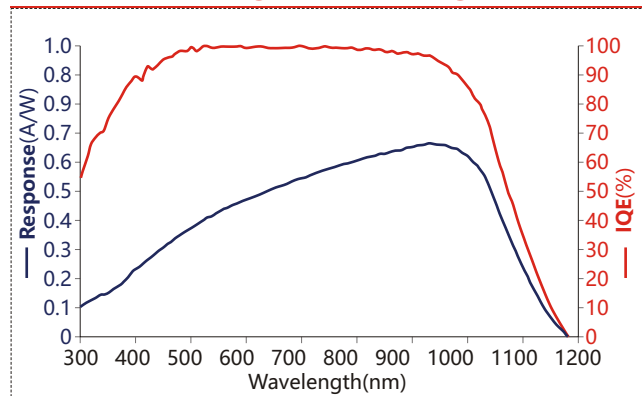
## FEATURES

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

## TEMPERATURE COEFFICIENTS<sup>④</sup>

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

## SPECTRAL RESPONSE, IQE AND IRRADIANCE DEPENDENCE<sup>④</sup>



Irradiance W/m <sup>2</sup>	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/m<sup>2</sup> Irradiance

## MECHANICAL DATA & DESIGN

Format	156.75mm × 156.75mm ± 0.25mm
Thickness	220 ± 20μ / 200 ± 20μ
Front	1.0mm wide continuous BB SiN Blue ARC
Back	2.0mm exposed BB width Al BSF

## CELL SPECIFICATION

Eff, %	Pmpp, W	Vmpp, V	Impp, A	Voc, V	Isc, A	FF, %
18.60	4.57	0.540	8.50	0.638	9.02	79.67
18.50	4.55	0.538	8.47	0.637	8.99	79.63
18.40	4.52	0.537	8.45	0.636	8.97	79.45
18.30	4.50	0.535	8.43	0.634	8.95	79.41
18.20	4.47	0.533	8.41	0.633	8.94	79.25
18.10	4.45	0.531	8.39	0.632	8.93	79.08
18.00	4.42	0.529	8.37	0.631	8.92	78.88
17.90	4.40	0.529	8.34	0.629	8.89	78.87
17.80	4.37	0.528	8.30	0.629	8.87	78.60

Measurements at Standard Test Conditions (STC), 1000W/m<sup>2</sup>, 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.



**JIANGXI RISUN GREEN ENERGY CO.,LTD.**

Add: Dayi Road, Xiacun Industrial Park, Xinyu, Jiangxi, China  
Fax: +86 790 6852 888 P.C.: 338019

Web: www.risunsolar.com E-mail: sales@risunsolar.com

**International Business Department**

Tel: +86 790 685 2825 +86 790 685 2826 +86 790 685 2886

WhatsApp: +86 15907905869 +86 18879015557

Facebook: https://www.facebook.com/RisunGreenEnergy

