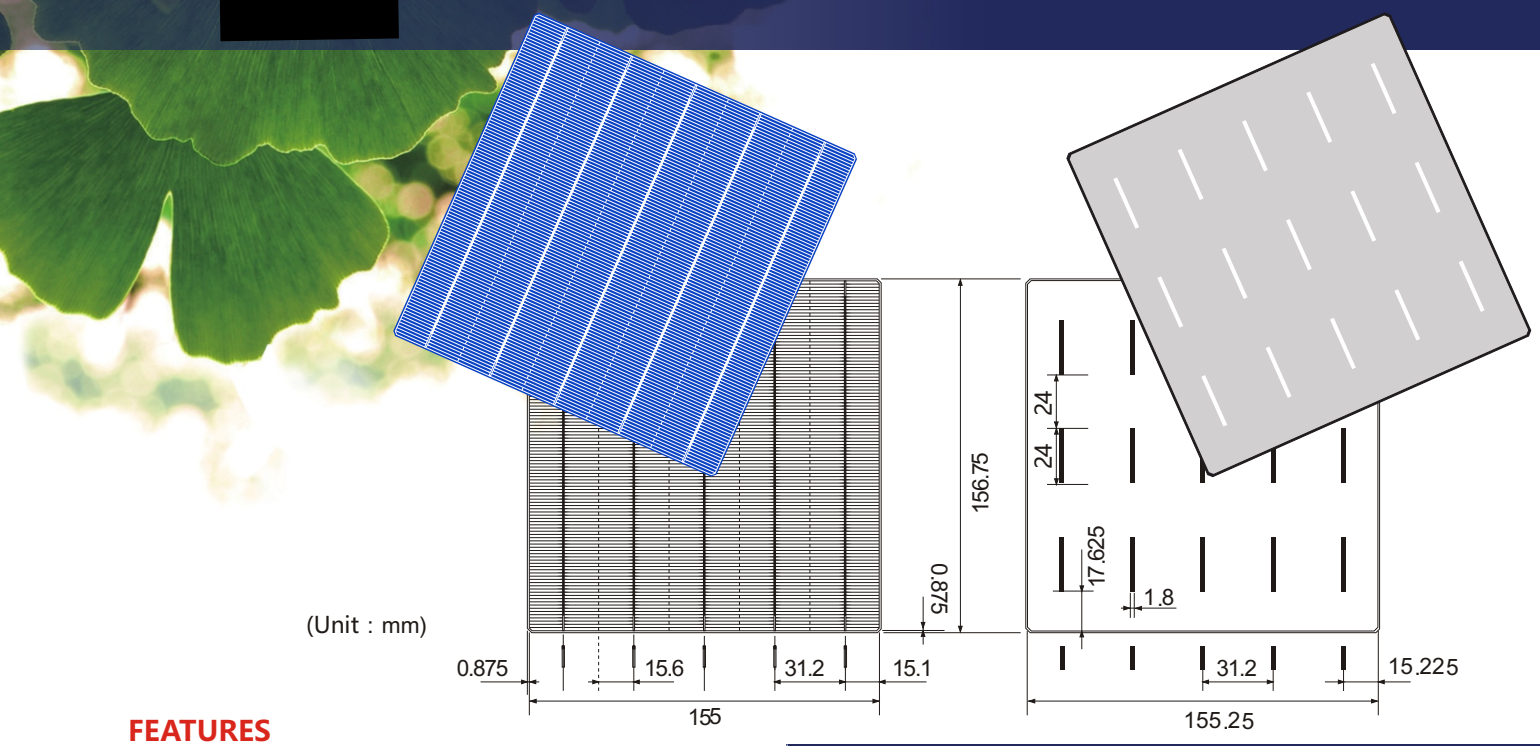
RSC156P(E)-PID RESISTANT

5BB(C) POLY CRYSTALLINE SOLAR CELL



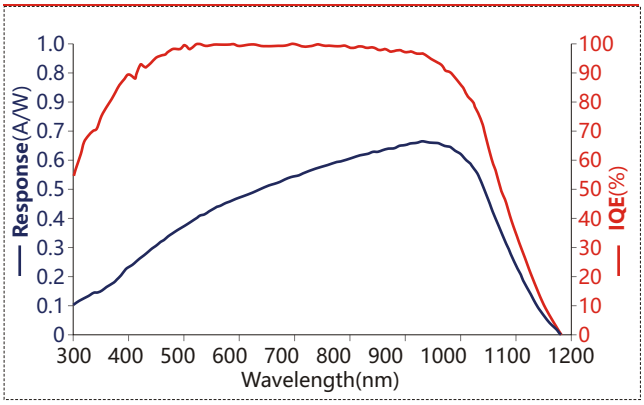
FEATURES

- Ozonized PID resistant process
- Tighter color variation control❶
- <1.0mm graphite boat button size❷
- >1.5N peel strength for Front Ag busbar❸
- >2.0N peel strength for Back Ag busbar❸
- Cell bow <2.0mm

TEMPERATURE COEFFICIENTS❹

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

SPECTRAL RESPONSE, IQE AND IRRADIANCE DEPENDENCE❹



Irradiance W/m²	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

MECHANICAL DATA & DESIGN

Format	156.75mm × 156.75mm ± 0.25mm
Thickness	220 ± 20μ / 200 ± 20μ
Front	0.64mm wide continuous BB SiN Blue ARC
Back	1.8mm exposed BB width Al BSF

CELL SPECIFICATION

Eff, %	Pmpp, W	Vmpp, V	Impp, A	Voc, V	Isc, A	FF, %
18.80	4.62	0.543	8.52	0.641	9.07	79.65
18.70	4.59	0.542	8.51	0.640	9.05	79.64
18.60	4.57	0.541	8.49	0.639	9.03	79.59
18.50	4.55	0.539	8.46	0.637	9.00	79.52
18.40	4.52	0.538	8.44	0.636	8.99	79.40
18.30	4.50	0.536	8.41	0.635	8.97	79.29

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

❶ Ref: Ksun Solar Optical Inspection Standard; Graphite button mark not protruding the extreme finger
❷ s or cover fingers.
❸ Peel strength test referenced to 180° peel angle using Auto Tab Pull Tester.
❹ 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. Ksun Solar reserves the right

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Rev : 02