

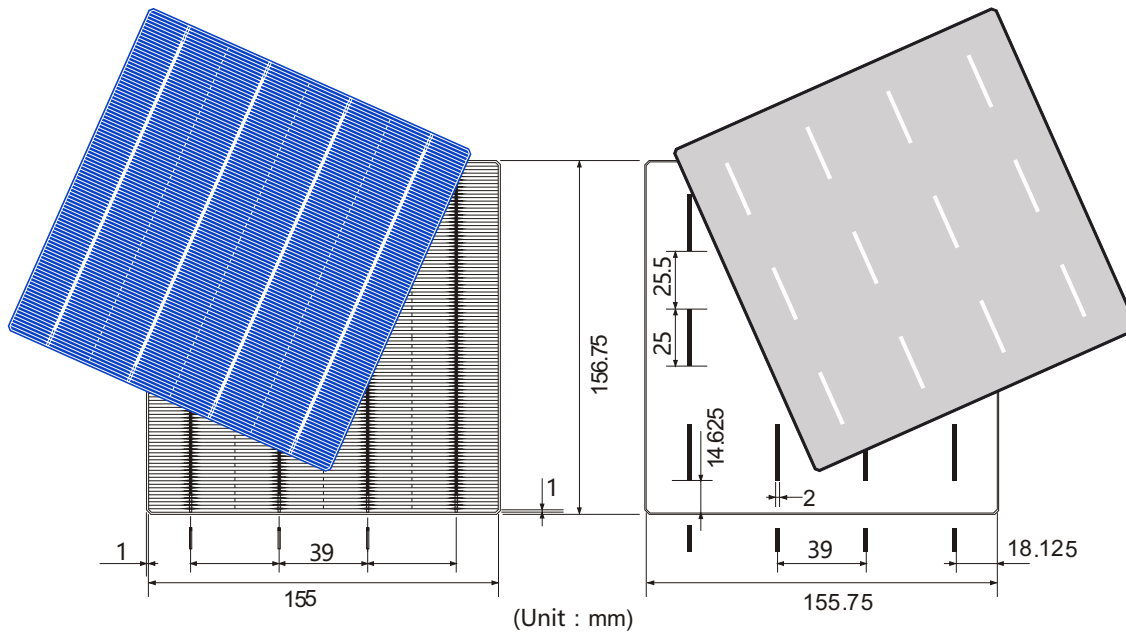
# SANTS INTERNATIONAL TRADING CO., LTD

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Solar Cells P.N. SIJ006X



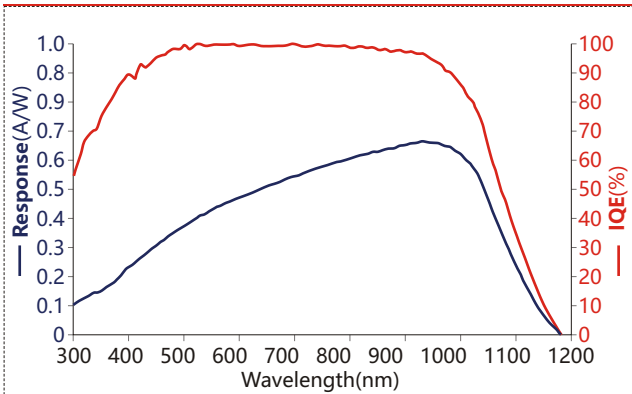
## FEATURES

- 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>④</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	Imp, 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