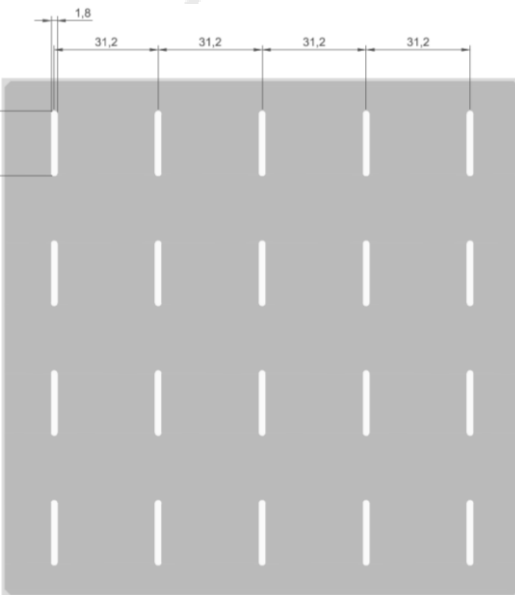
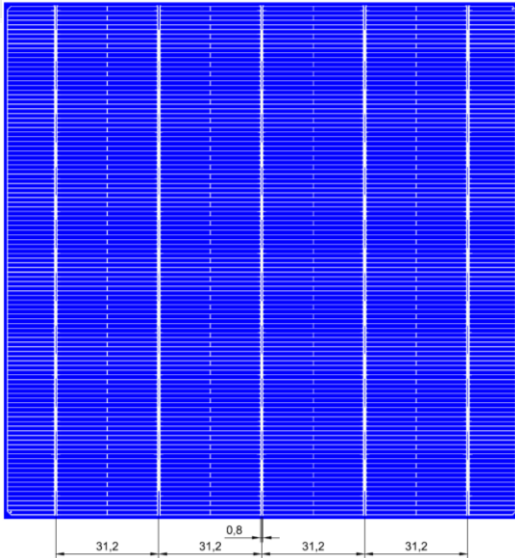


Quality and Performance

- Highest Technology
- 100% inspected for shunt resistance and reverse current
- Better performance in low light condition for improve energy yield
- Low light-induced degradation conditions
- All Solar cells are tightly classified to optimize output module
- Regularly monitoring of performance and solderability
- Superior mechanical performance
- All products conform to the regulation of RoHS

Physical Properties

Cell type	Multi-Crystalline
Dimension	156.75x156.75mm
Wafer thickness	200±20µm
Cell thickness	230±30µm
Color	Dark Blue / Blue / Light Blue
Front	5 bus-bars (segmented) with 0.8 mm ± 0.1 mm width Silicon nitride anti-reflection coating
Back	5 bus-bars (segmented) with 1.8 mm ± 0.2 mm width Full surface aluminum back surface field



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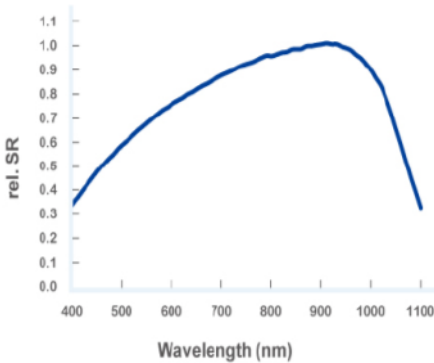


Electrical Characteristics

Cell Eff. (%)	P _{mpp} (W)	V _{oc} (V)	I _{sc} (A)	V _{mpp} (V)	I _{mpp} (A)
18.5	4.57	0.636	8.860	0.546	8.370
18.4	4.55	0.635	8.835	0.546	8.333
18.3	4.53	0.634	8.821	0.545	8.312
18.2	4.51	0.633	8.807	0.543	8.306
18.1	4.48	0.631	8.787	0.541	8.281
18.0	4.46	0.630	8.762	0.540	8.259
17.9	4.44	0.629	8.747	0.539	8.237
17.8	4.41	0.627	8.726	0.537	8.212

❖ Standard Test Conditions of Irradiance of 1,000 W/m², Spectrum 1.5 AM , Temperature 25 °C.

Spectrum response AM 1.5



Temperature Coefficient

V _{oc} (%/K)	-0.31
I _{sc} (%/K)	0.06
Power (%/K)	-0.41

Irradiance Dependence

Irradiance	I _{sc} (%)	V _{oc} (%)	Power (%)
1000	100.0	100.0	100.0
800	99.0	79.9	80.1
600	97.7	59.9	59.8
400	95.9	39.8	39.9
200	92.8	19.9	19.1

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