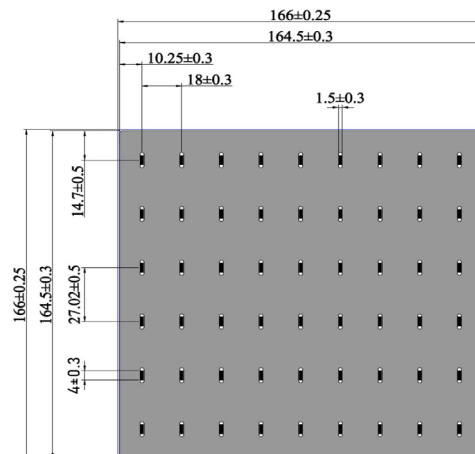
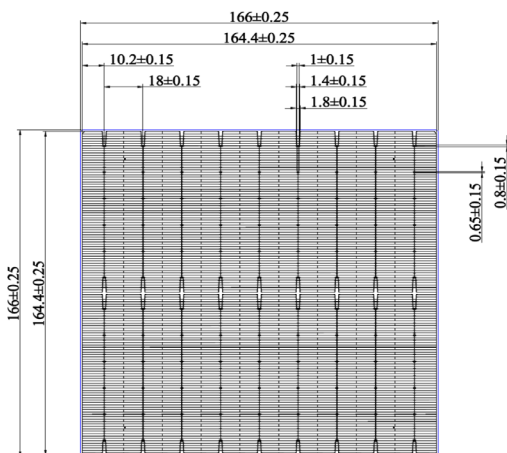
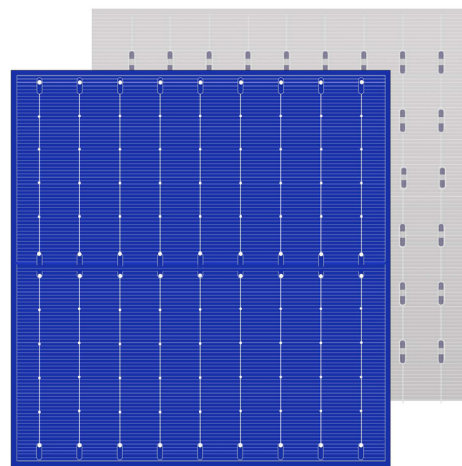


# POLY SOLAR CELLS

## AL-P6P166-9BB

### QUALITY CONTROL

- The accuracy of efficiency test is controlled within  $\pm 0.1\%$ .
- Electrical performance, appearance, EL 100% automatic inspection.
- Calibration cells are traceable to Fraunhofer ISE.



### The electrical properties of PERC solar cells

转换效率 Eff (%)	功率 P <sub>mpp</sub> (W)	最大工作电压 U <sub>mpp</sub> (V)	最大工作电流 I <sub>mpp</sub> (A)	开路电压 U <sub>oc</sub> (V)	短路电流 I <sub>sc</sub> (A)	最小工作电流 I <sub>mpp</sub> (A)
$\geq 20.7$	5.70	0.550	10.36	0.650	10.73	8.25
20.60	5.68	0.549	10.35	0.649	10.72	8.25
20.50	5.65	0.548	10.31	0.648	10.71	8.25
20.40	5.62	0.547	10.27	0.647	10.70	8.25
20.30	5.59	0.546	10.24	0.646	10.69	8.25
20.20	5.57	0.545	10.22	0.645	10.68	8.25
20.10	5.54	0.544	10.18	0.644	10.67	8.25
20.00	5.51	0.543	10.15	0.643	10.66	8.25
19.90	5.48	0.542	10.11	0.642	10.65	8.20
19.80	5.46	0.541	10.09	0.641	10.64	8.20
$\leq 19.6$	5.40	0.540	10.00	0.640	10.63	8.20

### PRODUCT FEATURE

### TEMPERATURE INDEX

Format	166mm x 166mm $\pm 0.25$ mm	Tk Voltage:	-0.36%/k
Thickness	170mm $\pm 30$ um	Tk Current:	+0.07%/k
Front	9*1.8mm busbar(silver), 136 fingers, blue silicon nitride anti-reflection coating(PID free)	Tk Power:	-0.38%/k
Back	Aluminum oxide, silicon nitride, aluminum local back surface field	Rsh $\geq 30 \Omega$ , I <sub>rev</sub> $\leq 0.8$ A	