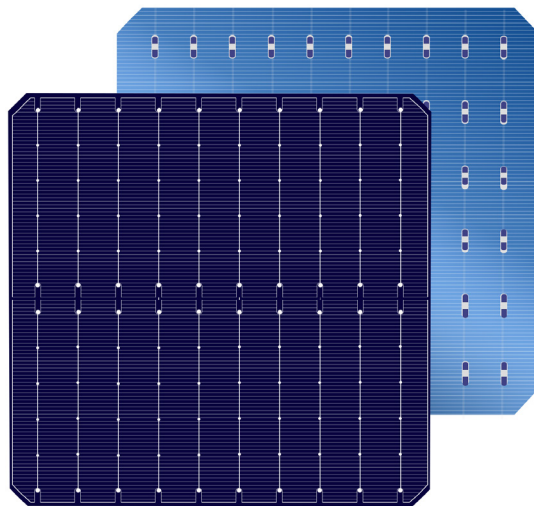


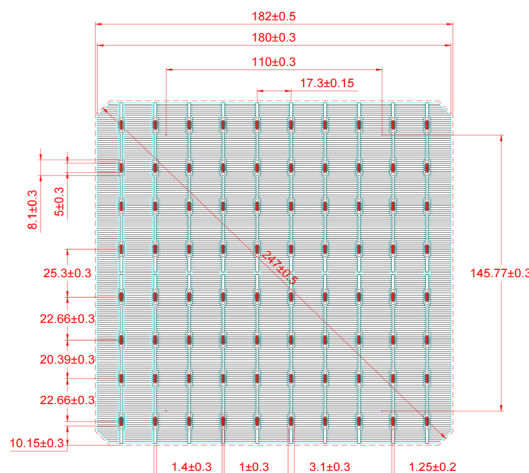
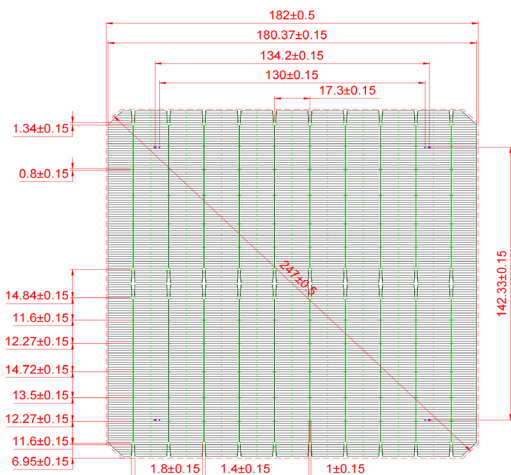
MONO SOLAR CELLS

AL- M10M182-10BB



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 _{mmp} (W)	最大工作电压 U _{mpp} (V)	最大工作电流 I _{mpp} (A)	开路电压 U _{oc} (V)	短路电流 I _{sc} (A)	填充因子 FF(%)
> 23.2	7.66	0.585	13.099	0.688	13.599	82.40
23.1-23.2	7.63	0.584	13.060	0.687	13.560	82.34
23.0-23.1	7.59	0.583	13.021	0.686	13.521	82.26
22.9-23.0	7.56	0.582	12.982	0.685	13.482	82.18
22.8-22.9	7.53	0.582	12.943	0.684	13.443	82.10
22.7-22.8	7.49	0.581	12.904	0.683	13.403	81.97
22.6-22.7	7.46	0.580	12.864	0.682	13.364	81.89
22.5-22.6	7.43	0.579	12.824	0.681	13.324	81.73
22.4-22.5	7.40	0.578	12.785	0.680	13.285	81.46
22.3-22.4	7.36	0.578	12.745	0.679	13.245	81.41
21.7-22.3	7.16	0.573	12.503	0.673	13.003	80.45

PRODUCT FEATURE

TEMPERATURE INDEX

Format	182mm x 182mm ± 0.5 mm	Tk Voltage:	-0.36%/k
Thickness	170mm ± 30 um	Tk Current:	+0.07%/k
Front	10*0.1 ± 0.3 mm busbar(silver), 148 fingers, blue silicon nitride anti-reflection coating(PID free)	Tk Power:	-0.38%/k
Back	Back electrode width (silver) 1.3 ± 0.25 mm, 164 fingers back side cover aluminum back filed, Vertical laser design	Rsh $\geq 30 \Omega$, I _{rev} ≤ 0.8 A	