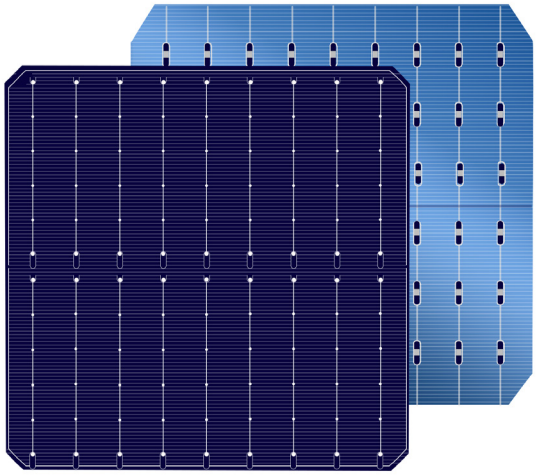
AOLI SOLAR

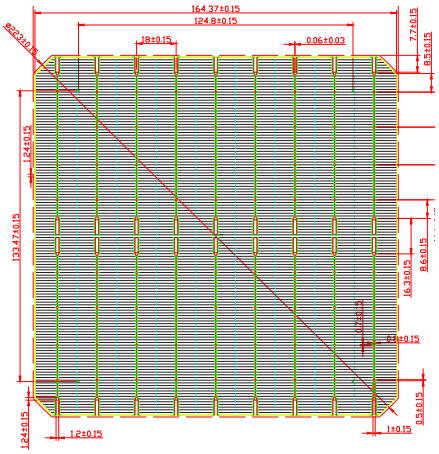
MONO SOLAR CELLS

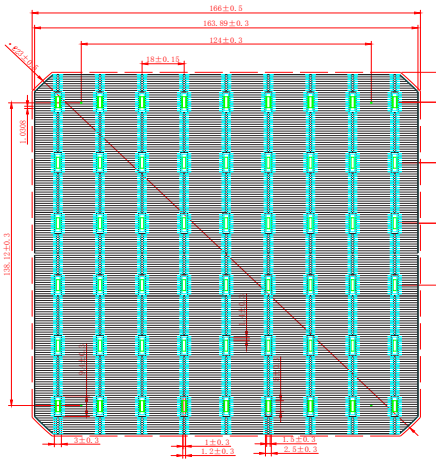
AL-M6M166-9BB



QUALITY CONTROL

- The accuracy of efficiency test is controlled within ±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 Pmmp（W）	最大工作电压 Umpp（V）	最大工作电流 Impp（A）	开路电压 Uoc（V）	短路电流 Isc（A）	填充因子 FF(%)
＞23.2	6.36	0.607	10.478	0.688	10.989	82.40
23.1-23.2	6.33	0.605	10.468	0.687	10.987	82.34
23.0-23.1	6.31	0.603	10.457	0.686	10.985	82.26
22.9-23.0	6.28	0.601	10.444	0.685	10.983	82.18
22.8-22.9	6.25	0.599	10.433	0.684	10.981	82.10
22.7-22.8	6.22	0.597	10.422	0.683	10.979	81.97
22.6-22.7	6.20	0.595	10.411	0.682	10.977	81.89
22.5-22.6	6.17	0.593	10.400	0.681	10.975	81.73
22.4-22.5	6.14	0.591	10.389	0.680	10.973	81.46
22.3-22.4	6.11	0.589	10.378	0.679	10.971	81.41
21.7-22.3	5.95	0.577	10.308	0.673	10.959	80.45

PRODUCT FEATURE

Format	166mm x 166mm ±0.5mm
Thickness	170mm±30um
Front	9*0.1±0.3mm busbar(silver),134 fingers, blue silicon nitride anti-reflection coating(PID free)
Back	Back electrode width (silver) 1.3±0.25mm,160 fingers back side cover aluminum back filed,Vertical laser design

TEMPERATURE INDEX

Tk Voltage:	-0.36%/k
Tk Current:	+0.07%/k
Tk Power:	-0.38%/k
Rsh ≥30 Ω , Irev ≤0.8A	

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