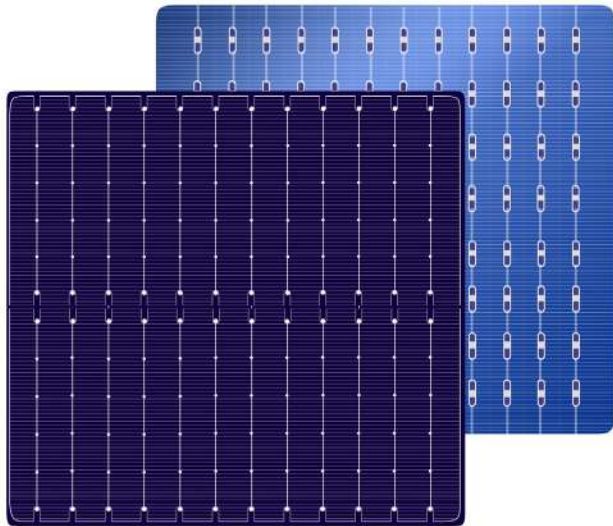


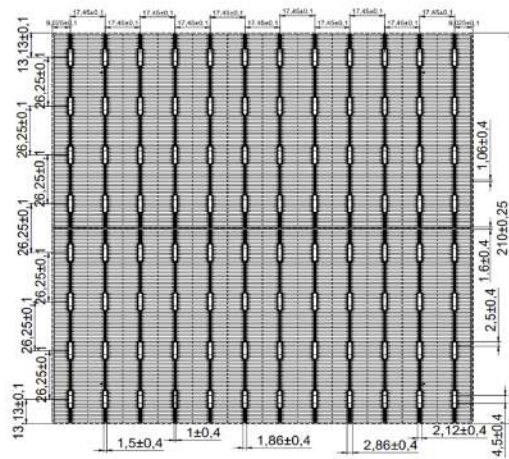
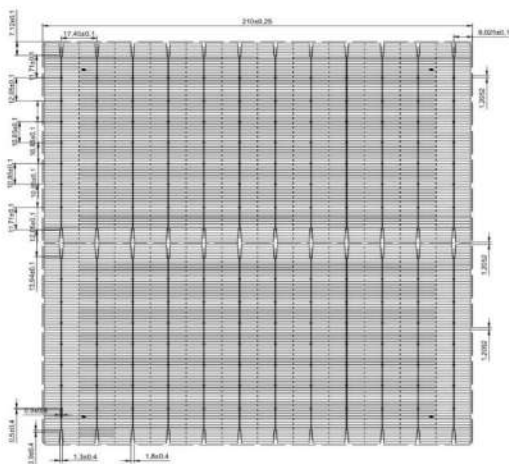
MONO SOLAR CELLS

G12M210-12BB



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 _{mpp} (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(%)
23.1%	10.18	0.590	17.261	0.690	18.186	81.15
23.0%	10.14	0.589	17.216	0.689	18.166	81.01
22.9%	10.10	0.587	17.206	0.688	18.140	80.93
22.8%	10.05	0.586	17.151	0.687	18.125	80.71
22.7%	10.01	0.584	17.140	0.686	18.108	80.58
22.6%	9.97	0.583	17.101	0.685	18.088	80.46
22.5%	9.92	0.581	17.074	0.685	18.062	80.18
22.4%	9.88	0.579	17.064	0.684	18.049	80.02
22.3%	9.83	0.577	17.036	0.682	18.030	79.94
22.2%	9.79	0.575	17.026	0.681	18.016	79.79
22.1%	9.75	0.574	16.986	0.680	17.995	79.68

PRODUCT FEATURE	
Format	210mm x 210mm ± 0.25 mm
Thickness	180mm ± 30 um
Front	12*0.06mm busbar(silver), 174 \pm 15 fingers, blue silicon nitride anti-reflection coating(PID free)
Back	Back electrode width (silver) 2.12mm ± 0.4 mm, back cover aluminum back field

TEMPERATURE INDEX	
Tk Voltage:	-0.36%/k
Tk Current:	+0.07%/k
Tk Power:	-0.38%/k
Rsh $\geq 50 \Omega$, Irev ≤ 0.5 A	