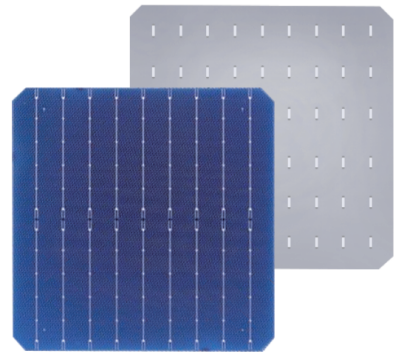
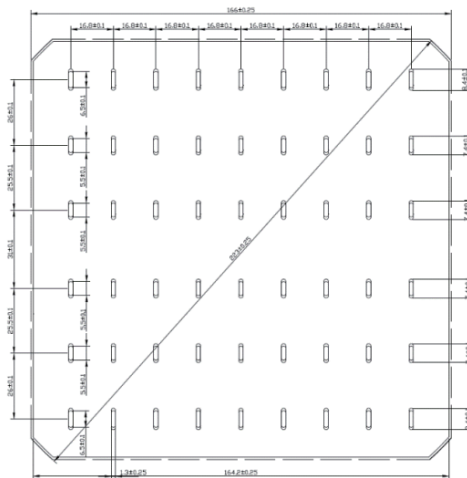
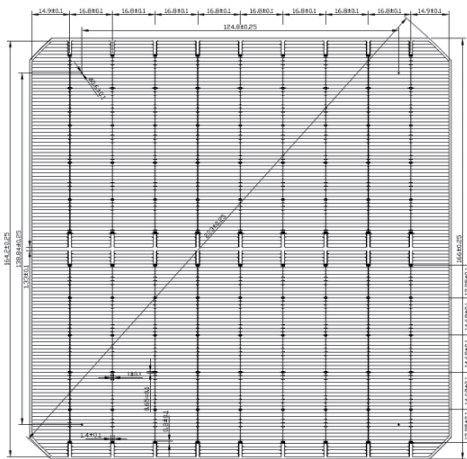


M166-PERC-9BB

Appearance



Dimension	166mm x 166mm ± 0.25mm
Thickness	190µm ± 30µm
Front(-)	9 busbars(silver), width 0.1±0.03mm, 124 finger grids Blue anti-reflecting coating(silicon nitride)
Rear(+)	Width of back electrode(silver) 1.3±0.25mm Back surface field(aluminum), dotted laser designRsh



Electrical Performance

EFF Code(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)
22.90%	6.28	0.5943	10.563	0.6817	11.139
22.80%	6.25	0.5925	10.550	0.6803	11.124
22.70%	6.22	0.5902	10.544	0.6784	11.119
22.60%	6.20	0.5885	10.529	0.6770	11.103
22.50%	6.17	0.5866	10.515	0.6761	11.089
22.40%	6.14	0.5848	10.502	0.6746	11.077
22.30%	6.11	0.5829	10.488	0.6732	11.060
22.20%	6.09	0.5805	10.485	0.6699	11.046
22.10%	6.06	0.5786	10.472	0.6683	11.033
22.00%	6.03	0.5764	10.464	0.6662	11.025
21.90%	6.00	0.5745	10.451	0.6641	11.008
21.80%	5.98	0.5726	10.437	0.6619	10.989
21.70%	5.95	0.5714	10.411	0.6610	10.964
21.60%	5.92	0.5709	10.373	0.6609	10.944
21.50%	5.89	0.5678	10.382	0.6601	10.940

*Standard Test Condition 1000W/m², AM1.5, 25°C

Temperature Coefficient

TkVoltage	-0.36%/K
TKCurrent	+0.07%/K
TkPower	-0.38%/K
Rsh ≥ 35Ω, Irev2 ≤ 0.8A	

Solder Ability

Peel strength Minimum ≥ 1.4N/mm

Results may be different due to different ribbons, soldering methods and parameters.

Light Intensity Characteristic

Intensity[W/m ²]	Voc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

IV Curve

