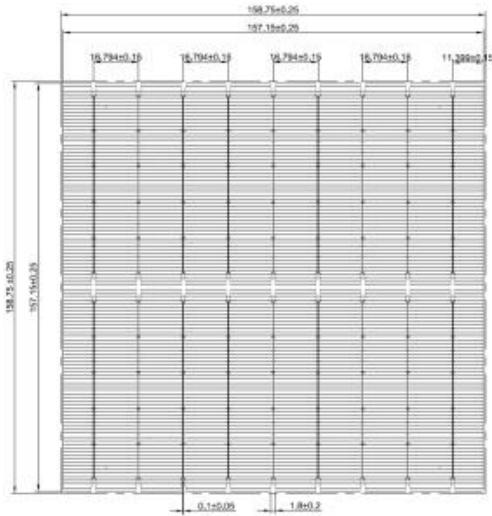
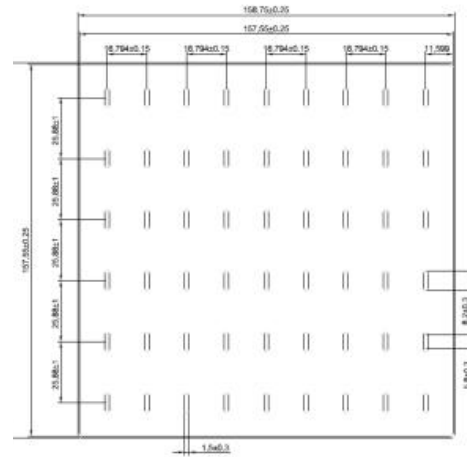


SR-9B158MPERC 158.75-79.375mm 9BB mono P type half cell



Front side appearance



Rear side appearance

Dimension: 158.75mm×158.75mm±0.25mm

Thickness (Cell): 190±30

Front Side (-): 9 *0.1mm busbars(Silver), 114 finger grids, Blue anti-reflecting coating (silicon nitride)

Rear Side (+): Width of back electrode(silver) 1.3±0.25mm, finger grids(aluminum), dotted laser

Temperature coefficients

TkVoltage	-0.36 %/K
TkCurrent	+0.07%/K
TkPower	-0.38%/K

Rsh≥35Ω, Irev2≤0.8A

The electrical properties of single PERC solar cell

Eff(%)	Pmpp(W)	Ump(V)	I _{mp} (A)	U _{oc} (V)	I _{sc} (A)	FF(%)
22.60	5.7	0.579	9.835	0.684	10.382	80.2
22.50	5.67	0.577	9.815	0.683	10.373	79.92
22.40	5.64	0.577	9.785	0.683	10.344	79.84
22.30	5.62	0.576	9.763	0.683	10.342	79.57
22.20	5.59	0.574	9.736	0.681	10.314	79.56
22.10	5.57	0.573	9.725	0.68	10.307	79.43
22.00	5.54	0.571	9.712	0.678	10.294	79.35
21.90	5.52	0.569	9.708	0.677	10.281	79.29
21.80	5.49	0.566	9.695	0.676	10.267	79.14
21.70	5.47	0.565	9.69	0.674	10.259	79.06
21.60	5.44	0.562	9.679	0.673	10.247	78.92
21.50	5.42	0.56	9.672	0.671	10.236	78.84
21.40	5.39	0.558	9.662	0.669	10.231	78.72
21.30	5.37	0.557	9.649	0.667	10.226	78.67
21.20	5.34	0.555	9.626	0.665	10.22	78.62

STC (Standard Testing Conditions): 1000W/m², AM1.5, 25°C

Light Intensity Dependence

Intensity (W/m ²)	U _{oc}	I _{sc}
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

Take the Voc (I_{sc}) at 1000W/m² as the standard, test the range of Voc (I_{sc}) decrease with light intensity.

IV-Curve

