

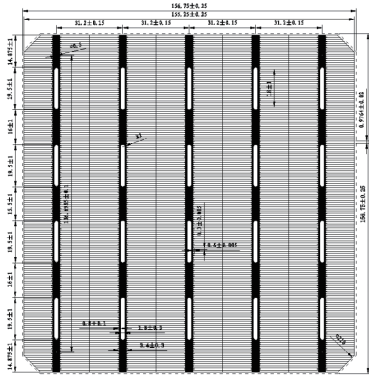
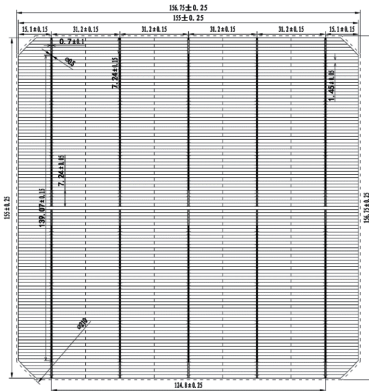
M156BP-PERC-5BB

Appearance

Dimension	156.75mm x 156.75mm ± 0.25mm
Thickness	190μm ± 30μm
Front(-)	5 bus bars (silver), width 0.7mm, 108 finger grids, Blue anti-reflecting coating (silicon nitride)
Rear(+)	Wide soldering pads(silver)1.8mm, 5 bus bars(aluminum), 160 finger grids(aluminum), Blue anti-reflecting coating (silicon nitride)

Light Intensity Characteristic

Intensity[W/m ²]	Voc	Isc
1000	1.0	1.0
900	0.99	0.9
800	0.99	0.8
600	0.98	0.6
400	0.96	0.4



Electrical Performance

EFF Code(%)	Pmpp(W)	Vmpp(V)	Ipp(A)	Voc(V)	Isc(A)
22.00%	5.38	0.578	9.342	0.679	9.847
21.90%	5.35	0.577	9.329	0.678	9.832
21.80%	5.33	0.576	9.316	0.677	9.818
21.70%	5.30	0.575	9.303	0.676	9.803
21.60%	5.28	0.574	9.291	0.675	9.788
21.50%	5.25	0.573	9.279	0.674	9.774
21.40%	5.23	0.571	9.269	0.673	9.759
21.30%	5.20	0.569	9.255	0.672	9.744
21.20%	5.18	0.567	9.244	0.671	9.730
21.10%	5.16	0.566	9.205	0.670	9.724
21.00%	5.13	0.565	9.180	0.669	9.709
20.90%	5.11	0.564	9.162	0.668	9.703
20.80%	5.08	0.562	9.140	0.667	9.681
20.70%	5.06	0.560	9.113	0.666	9.667
20.60%	5.03	0.558	9.089	0.665	9.652

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

Back Efficiency Distribution

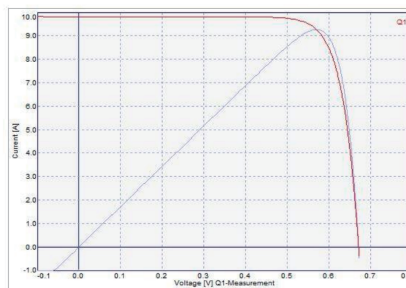
Efficiency (%)	Pmpp(W)	Vmpp(V)	Ipp(A)	Voc(V)	Isc(A)
>16.0%	3.93	0.565	6.595	0.665	7.353
15.5%-16.0%	3.86	0.564	6.833	0.664	7.219
15.0%-15.5%	3.76	0.563	6.678	0.663	7.052
<15.0%	3.61	0.560	6.420	0.660	6.757

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

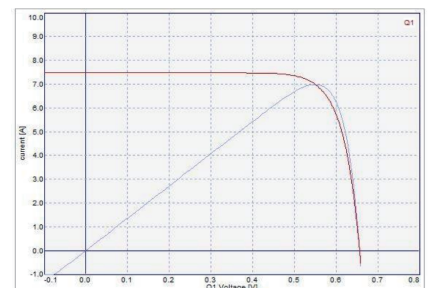
Temperature Coefficient

TkVoltage	-0.36%/K
TKCurrent	+0.06%/K
TkPower	-0.36%/K

Front IV Curve



Back IV Curve



Spectral Response(QE)

