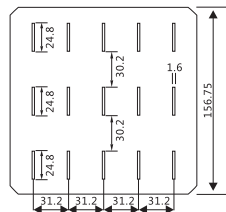
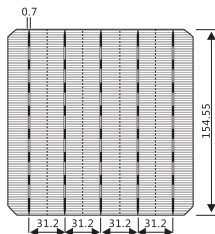
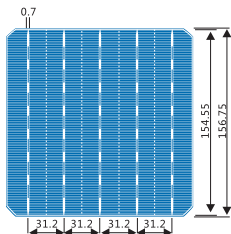


5 Busbar Mono Cell M85-01



Why Linuo Cells?

The most advanced equipment
Highly certified management teams
Stable raw material supply chain
Superior manufacturing technology
100% raw wafer inspection
Low breakage rate
Instant switching between production lines

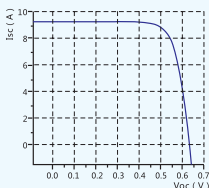
Temperature Coefficient

Temperature coefficient of I_{sc} (α): 0.05%/K
Temperature coefficient of V_{oc} (β): -0.33%/K
Temperature coefficient of P_{mpp} (γ): -0.42%/K

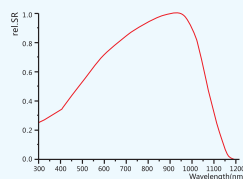
Mechanical Parameters

Type: M85-01
Format: 156.75mm×156.75mm±0.5mm
Diagonal: 210mm±0.5mm
Thickness: 200±20 μ m
Front(-): blue anti-reflecting coating(silicon nitride);
0.7mm bus bars(silver);
Back(+): surface field(Aluminum);
1.6mm wide soldering pads;

IV Curve



Spectral Response



Intensity Dependence

Intensity(W/m ²)	I_{sc} (mA)	V_{oc} (mV)
1000	1.0	1.000
900	0.9	0.996
500	0.5	0.969
300	0.3	0.946
200	0.2	0.926

Ratio of V_{oc} at reduced intensity to V_{oc} (I_{sc}) at 1000W/m²

Electrical Data@STC

Efficiency [%]	20.2	20.1	20.0	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.2	19.1	19.0	18.8
P_{mpp} [W]	4.935	4.911	4.886	4.862	4.837	4.813	4.789	4.764	4.740	4.715	4.691	4.666	4.642	4.593
U_{mpp} [V]	0.550	0.550	0.549	0.549	0.548	0.549	0.549	0.549	0.549	0.548	0.547	0.546	0.545	0.541
I_{mpp} [A]	8.97	8.93	8.90	8.86	8.82	8.77	8.72	8.67	8.64	8.61	8.58	8.55	8.52	8.49
V_{oc} [V]	0.646	0.645	0.644	0.643	0.642	0.641	0.640	0.639	0.638	0.637	0.636	0.636	0.635	0.634
I_{sc} [A]	9.51	9.49	9.46	9.44	9.41	9.38	9.35	9.33	9.30	9.28	9.25	9.23	9.20	9.16
FF [%]	80.3	80.2	80.2	80.1	80.1	80.0	80.0	79.9	79.9	79.8	79.7	79.5	79.5	79.1