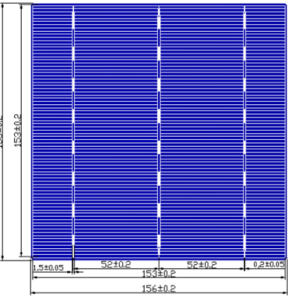
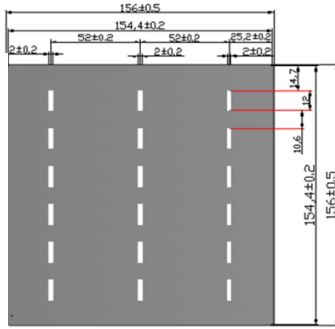


MECHANICAL PARAMETERS

- Format: 156mm × 156mm ± 0.5mm
- Diagonal: 220mm ± 0.5mm
- Thickness: 200 ± 20 μm
- Front(-): blue anti-reflecting coating (silicon nitride);
1.5mm busbars (silver)
- Back(+): back surface field (Aluminum);
2.0mm wide segment soldering pads (silver);



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

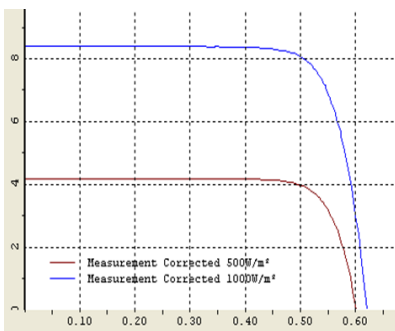
TEMPERATURE COEFFICIENT

- Temperature coefficient of Isc (α): 0.060%/K
- Temperature coefficient of Voc (β): -0.330%/K
- Temperature coefficient of Pmpp (γ): -0.410%/K

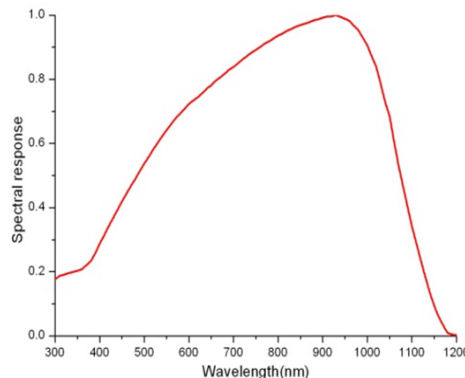
Electrical data

Efficiency	[%]	17.60	17.50	17.40	17.30	17.20	17.10	17.00	16.90	16.80	16.60
Pmpp	[W]	4.31	4.28	4.26	4.23	4.21	4.19	4.16	4.14	4.11	4.09
Isc	[A]	8.69	8.66	8.65	8.63	8.62	8.61	8.57	8.56	8.55	8.45
Voc	[mV]	625	624	623	623	621	619	617	616	614	612
Ipp	[A]	8.19	8.16	8.15	8.13	8.11	8.10	8.07	8.03	8.03	7.94
Upp	[mV]	523	522	521	520	518	515	513	512	510	508
FF	[%]	78.9	78.8	78.7	78.6	78.4	78.3	78.3	78.1	78.0	77.9

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity (W/m²)	Isc (A)	Voc (V)
1000	1.0	1.000
900	0.9	0.995
500	0.5	0.966
300	0.3	0.940
200	0.2	0.919

※ ratio of Voc at reduced intensity to Voc (Isc) at 1000W/m²

