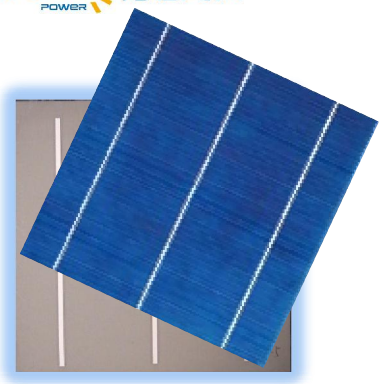
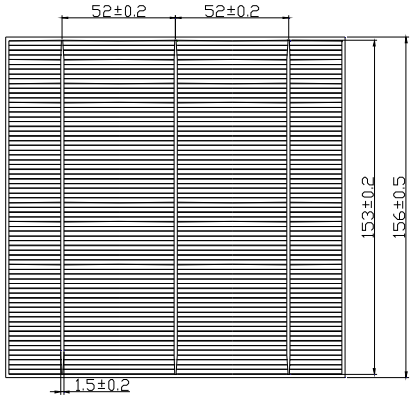
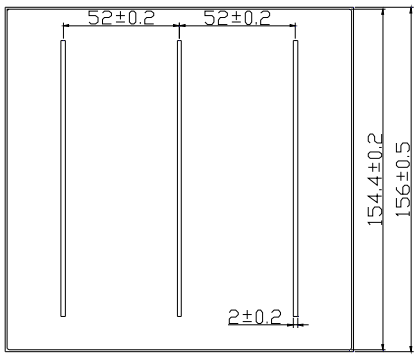
LINUO 力诺光伏 POWER







PHYSICAL CHARACTERISTICS	
Format	156mm×156mm±0.5mm
Diagonal	220mm±0.5mm
Thickness	190±20 μm
Front(-)	Blue reflecting coating(silicon nitride); 1.5mm busbars(silver);
Back(+)	surface field(Aluminum); 2.0mm wide soldering pads;

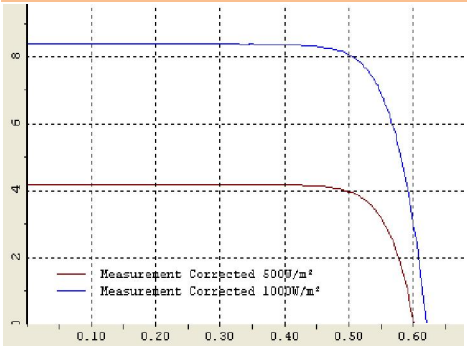
PHYSICAL CHARACTERISTICS	
Temperature coefficient of Isc(α)	0.055%/K
Temperature coefficient of Voc(β)	-0.380%/K
Temperature coefficient of Pmpp(ɣ)	-0.459%/K

ELECTRICAL CHARACTERISTICS												
Efficiency	[%]	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.2
Pmmp	[W]	3.70	3.75	3.8	3.85	3.89	3.94	3.99	4.04	4.09	4.14	4.19
Isc	[A]	7.99	8.02	8.05	8.09	8.13	8.18	8.22	8.26	8.31	8.37	8.44
Voc	[V]	604.9	607.2	609.6	609.2	611.4	614.5	616.8	620.0	622.8	624.6	626.6
Impp	[A]	7.33	7.40	7.46	7.53	7.59	7.66	7.71	7.76	7.82	7.87	7.91
Umpp	[mV]	504.8	506.8	509.4	511.3	512.5	514.4	517.5	520.6	523.0	526.0	529.7
FF	[%]	76.55	77.01	77.44	78.12	78.26	78.38	78.70	78.89	79.03	79.19	79.23

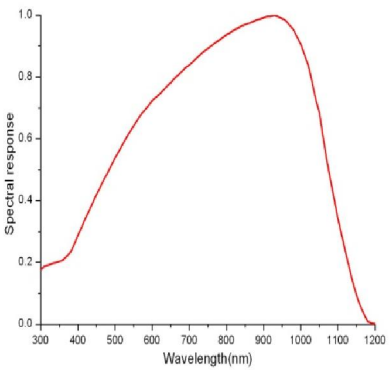
*The above data are presently measured average.

*Data under standard testing conditiond (STC):1000W/㎡&500W/㎡,AM1.5,25℃.

I-V CURVE



SPECTRALRESPONSE



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 1000 W/m²