



LI SHIN INTERNATIONAL ENTERPRISE CORP.

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Doc No.: 8P4201

# Energy Star Test Report

**Model Name: LSE9901B1260**

**Customer:**

**Rev: 01**

**Date Code:**

**Date: 2008/10/27**

**Prepared By : Jerry Jain**

**Checked By : Jerry Jain**

**Approved By : Gary Shyi**

# Energy Star Test Report

Test Item: Energy Star	Test Engineer : Jerry Jain	Test Date: 10/27/08
Model Name: LSE9901B1260	REV: 01	D/C: 0
Quantity: 3 PCS	SER. No.: A30609074304/A30728083282/A30815077262	

**1. Condition:**

AC input: 115Vac/60Hz and 230Vac/50Hz      DC output : 12 Vdc    5 A      Iin max 1.5 A

DC output: 100% of rated output  
                   75% of rated output  
                   50% of rated output  
                   25% of rated output  
                   no load

E-star spec.: The average efficiency shall higher than **85.00%**  
                   At no load condition, the maximum input power shall less than **0.5** W.

Record: Average of efficiency data, the maximum input power in no load, PF at 100% of rated load.

**2. Test equipment:**

- 1) Analyzer Operation: YOKOGAWA WT210.(S/N:L08066)
- 2) DC electronic load: Prodigit 3311C.(S/N:L05002)
- 3) AC source: Chroma 61604.(S/N:L07101)

**3. Test result:**

A	Vin(v)	Pin(w)	Vout(v)	Iout(A)	Pout(w)	PF	Eff(%)
100%L	115	70.5	11.72	5	58.6	0.56	83.12%
75%L	115	52.3	11.86	3.75	44.475	0.544	85.04%
50%L	115	34.6	11.99	2.5000	29.975	0.511	86.63%
25%L	115	17.35	12.12	1.2500	15.15	0.471	87.32%
0%L	115	0.305					
<b>Average Efficiency:</b>					<b>85.53%</b>		

A	Vin(v)	Pin(w)	Vout(v)	Iout(A)	Pout(w)	PF	Eff(%)
100%L	230	68.67	11.74	5	58.7	0.525	85.48%
75%L	230	51.48	11.87	3.75	44.513	0.507	86.47%
50%L	230	34.4	11.99	2.5000	29.975	0.482	87.11%
25%L	230	17.49	12.12	1.2500	15.15	0.443	86.62%
0%L	230	0.44					
<b>Average Efficiency:</b>					<b>86.42%</b>		

B	Vin(v)	Pin(w)	Vout(v)	Iout(A)	Pout(w)	PF	Eff(%)
100%L	115	70.5	11.72	5	58.60		83.12%
75%L	115	52.43	11.84	3.75	44.40		84.68%
50%L	115	34.5	11.97	2.5000	29.93		86.64%
25%L	115	17.29	12.1	1.2500	15.13		87.47%
0%L	115	0.285	...	...	...	...	...
<b>Average Efficiency:</b>					<b>85.48%</b>		

B	Vin(v)	Pin(w)	Vout(v)	Iout(A)	Pout(w)	PF	Eff(%)
100%L	230	68.7	11.72	5	58.6		85.30%
75%L	230	51.4	11.85	3.75	44.438		86.45%
50%L	230	34.19	11.97	2.5000	29.925		87.53%
25%L	230	17.464	12.1	1.2500	15.125		86.61%
0%L	230	0.41					
<b>Average Efficiency:</b>					<b>86.47%</b>		

CONCLUSION:       OK                                       NG

