

80 PLUS Verification and Testing Report

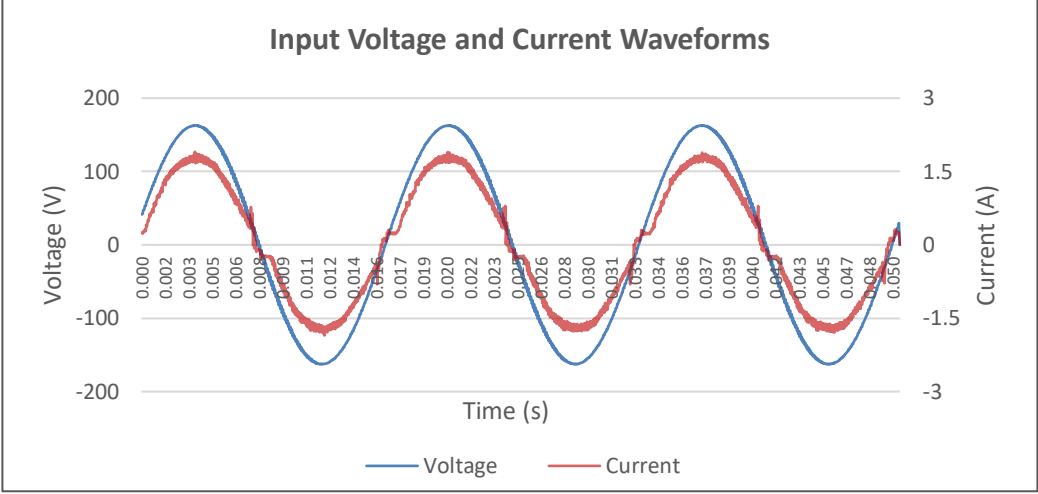
TYPICAL EFFICIENCY (50% Load):	90.40%
AVERAGE EFFICIENCY :	84.44%
80 PLUS COMPLIANT:	Gold



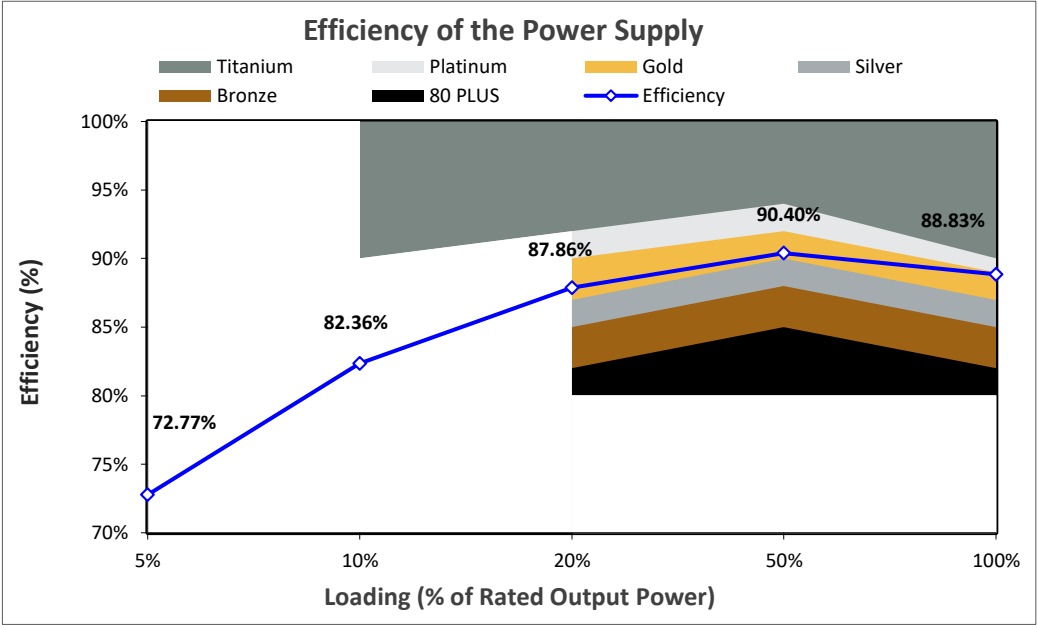
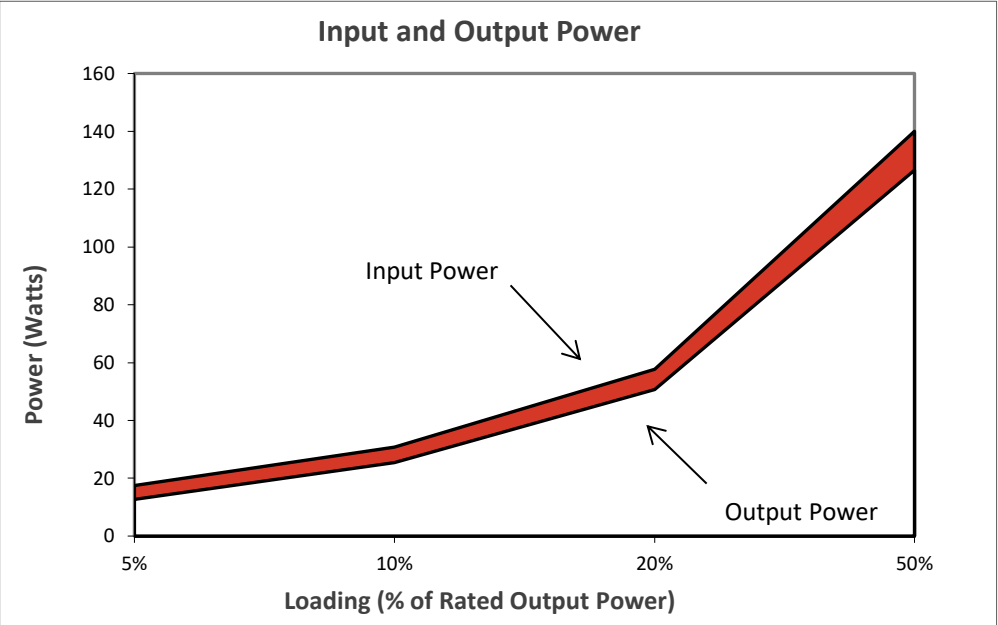
ID Number	7576
Manufacturer	Lite-On Technology Corporation
Model Number	HS-5251-07
Serial Number	N/A
Type	FLEX ATX
Test Date	9/30/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50/60	Hz
Rated Output Power	250	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



I <sub>RMS</sub> (A)	PF	I <sub>THD</sub> (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)		-12V	3.3V	5V		
0.106	0.3203	24.72	0%	3.92	No-Load						
0.174	0.8708	24.57	5%	17.45	12.18/0.76	11.97/0.013	3.34/0.27	5.09/0.35	5.14/0.133	12.70	72.77%
0.279	0.9618	19.99	10%	30.82	12.17/1.51	11.97/0.027	3.33/0.53	5.09/0.71	5.14/0.265	25.38	82.36%
0.508	0.9888	12.40	20%	57.74	12.17/3.01	11.97/0.053	3.33/1.07	5.09/1.42	5.13/0.531	50.73	87.86%
1.221	0.9966	6.63	50%	140.01	12.15/7.52	11.98/0.133	3.32/2.66	5.08/3.55	5.1/1.327	126.56	90.40%
2.473	0.9981	5.04	100%	283.93	12.11/15.04	11.99/0.265	3.29/5.33	5.06/7.1	5.06/2.653	252.23	88.83%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications.

<http://www.80plus.org/>