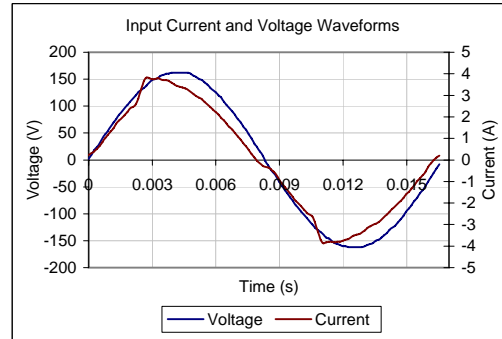


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	88.68%
AVERAGE EFFICIENCY :	87.12%
80 PLUS COMPLIANT:	YES

Ecos ID #	1283
Manufacturer	ON SEMICONDUCTOR
Model Number	ATX 255W 85+
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	1/26/2009

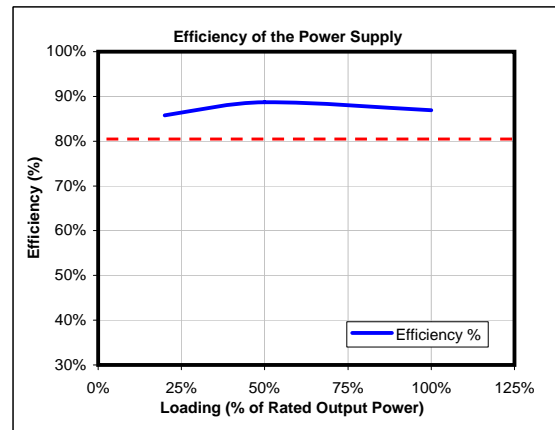
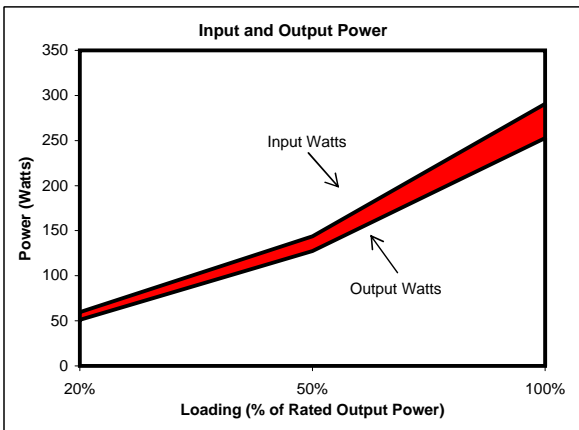


Input AC Current Waveform (ITHD = 13.82%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
Rated Output Power	255	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V) / DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
0.54	0.96	14.5%	20%	Light	60	12.1/2.9	12.6/0.1	3.3/1	5/1.9	5/0.5	51	85.80%
1.27	0.98	13.8%	50%	Typical	144	12/7.3	12.1/0.2	3.2/2.5	5/4.7	5/1.2	128	88.68%
2.55	0.99	10.5%	100%	Full	291	11.9/14.7	11.4/0.3	3.2/5	4.9/9.4	4.9/2.4	253	86.88%



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/>

