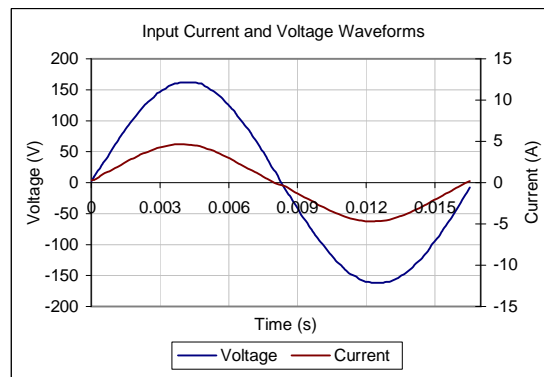


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	83.08%
AVERAGE EFFICIENCY :	81.10%
80 PLUS COMPLIANT:	YES



Ecos ID #	401
Manufacturer	Channel Well Technology
Model Number	DSA300V-C
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	10/12/2007

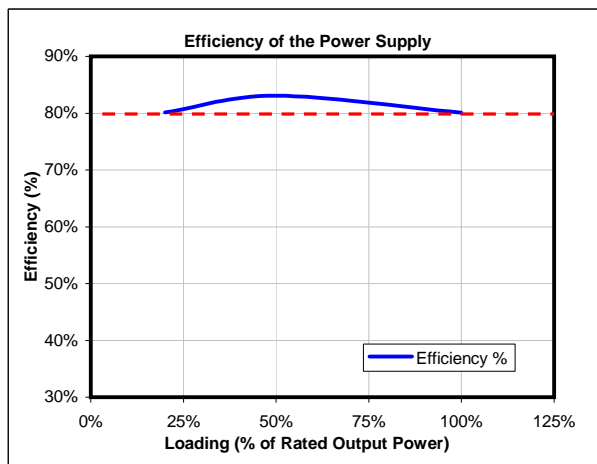
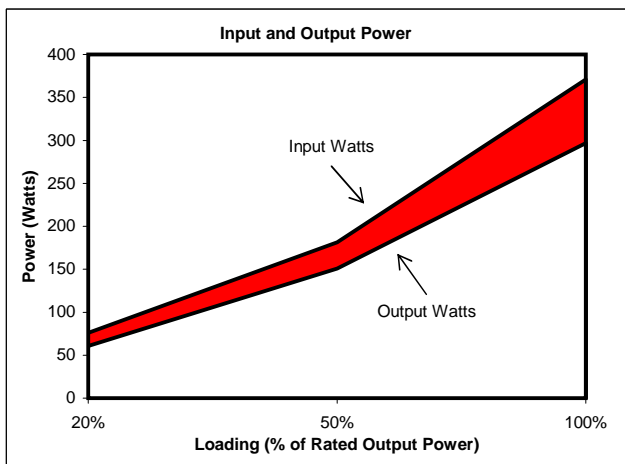


Input AC Current Waveform (ITHD = 7.5%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50/60	Hz
Rated Output Power	300	Watts

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.67	0.98	8.4%	20%	Light	76	12.2/3	12.2/0.1	3.3/3	5/2.1	5.1/0.6	61	80.15%
1.60	0.99	7.5%	50%	Typical	182	12.2/7.5	12.3/0.1	3.3/7.4	5/5.3	5/1.5	151	83.08%
3.24	1.00	5.6%	100%	Full	371	12.1/15	12.4/0.3	3.1/14.8	4.9/10.6	4.8/3	297	80.06%



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/>

