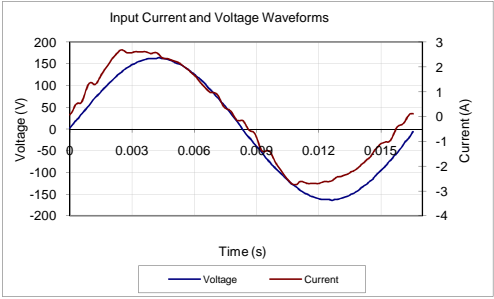


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.74%
AVERAGE EFFICIENCY :	91.56%
80 PLUS COMPLIANT:	YES



Ecos ID #	2615
Manufacturer	Channel Well
Model Number	GPG400V
Serial Number	N/A
Year	2011
Type	ATX12V
Test Date	6/20/2011

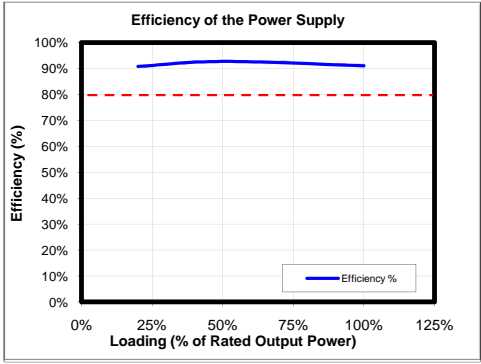
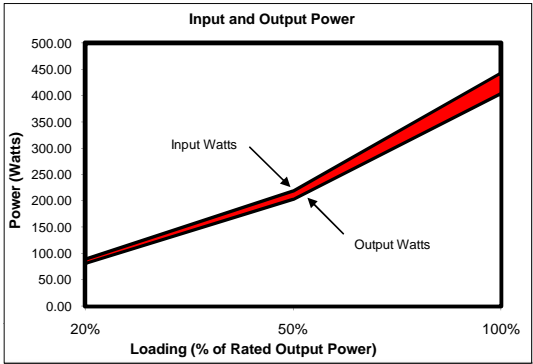


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.3	Amps
Input Frequency	47-63	Hz
Rated Output Power	400	Watts

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

Input AC Current Waveform (ITHD = 8.15%, 50% Load)

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.)						
0.80	0.98	6.04%	20%	Light	89.49	12.2/5.2	11.5/0	3.4/1.8	5.1/1.8	4.9/0.5	81.27	90.81%
1.93	0.99	8.15%	50%	Typical	218.95	12.2/13	11.5/0.1	3.3/4.4	5.1/4.4	5.1/1.2	203.04	92.74%
3.88	0.99	5.85%	100%	Full	443.50	12.1/26	11.5/0.2	3.3/8.8	5.1/8.8	5/2.4	404.12	91.12%



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/>

