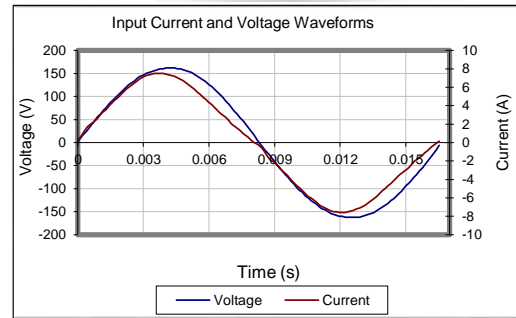


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.37%
AVERAGE EFFICIENCY :	85.65%
80 PLUS COMPLIANT:	YES



ID #	2098.11
Manufacturer	MSS TECHNOLOGY CO.,LIMITED
Model Number	GP-500
Serial Number	N/A
Year	2010
Type	ATX12V
Test Date	6/9/2010

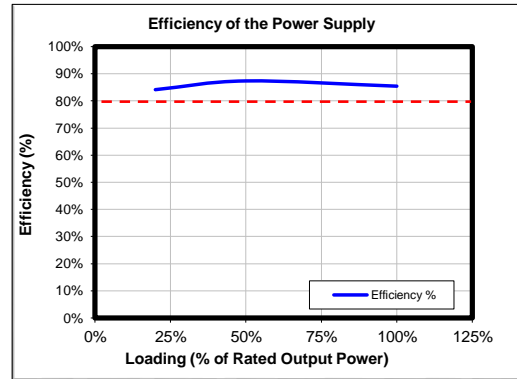
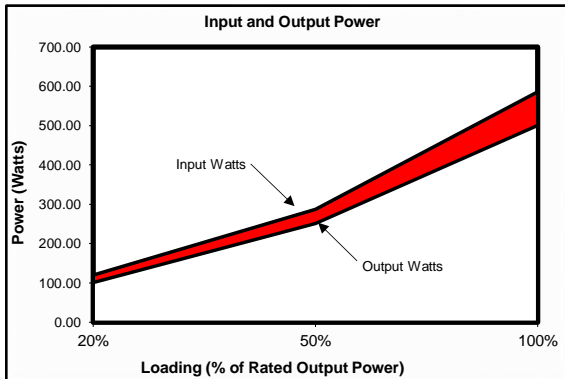


Input AC Current Waveform (THD = 8.59%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	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.)						
1.06	0.98	9.93%	20%	Light	119.69	12/7					100.71	84.14%
2.55	0.98	8.59%	50%	Typical	287.60	12/17.5					251.27	87.37%
5.14	0.99	7.31%	100%	Full	586.10	12/35					500.71	85.43%



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/>

