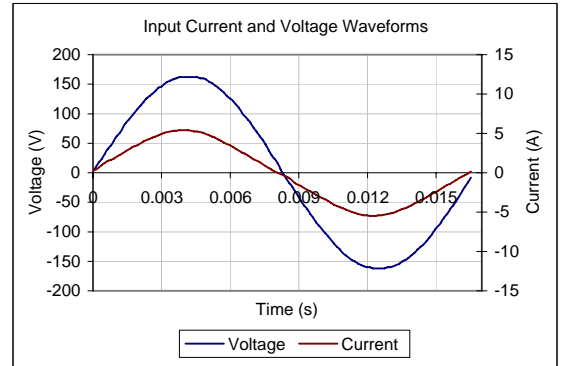


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.08%
AVERAGE EFFICIENCY :	82.37%
80 PLUS COMPLIANT:	YES

Ecos ID #	581
Manufacturer	2THEMAX
Model Number	GPA-350
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	3/3/2008

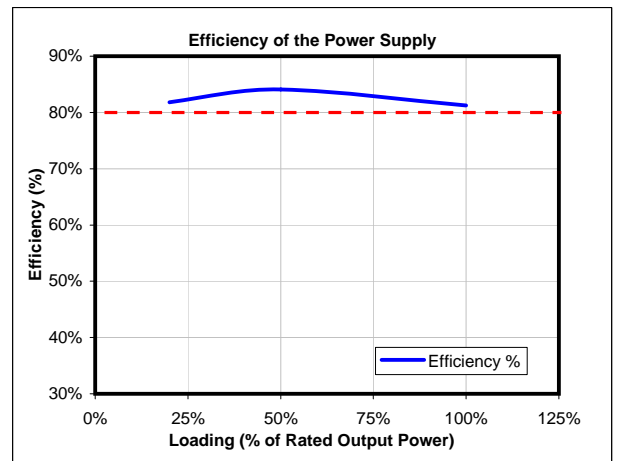
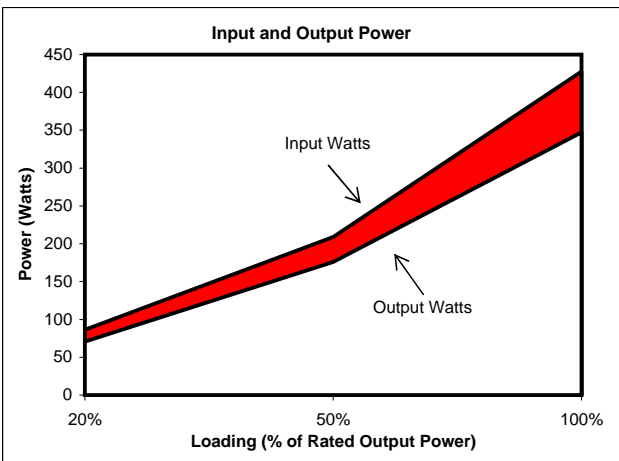


Input AC Current Waveform (ITHD = 6.64%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115/230	Volts
Input Current	5	Amps
Input Frequency	50/60	Hz
Rated Output Power	350	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
0.76	0.98	7.6%	20%	Light	86	12.2/3.8	12.2/0.1	3.3/3	5/2.1	5.1/0.6	71	81.83%
1.83	0.99	6.6%	50%	Typical	209	12.1/9.5	12.3/0.1	3.3/7.5	5/5.3	5/1.5	176	84.08%
3.73	1.00	5.3%	100%	Full	428	12/19.1	12.4/0.3	3.2/14.9	4.9/10.7	4.9/3	347	81.21%



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/>

