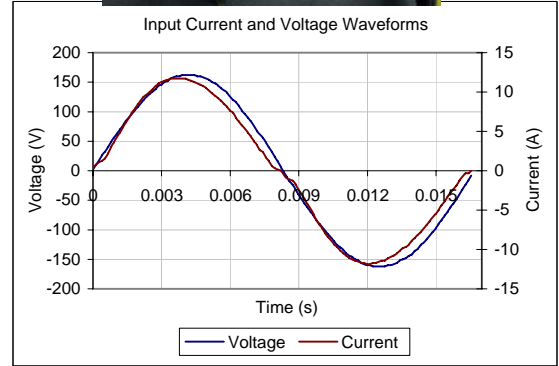


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load): 88.84%
AVERAGE EFFICIENCY : 88.37%
80 PLUS COMPLIANT: YES

Ecos ID #	1038
Manufacturer	THERMALTAKE
Model Number	W0296 TP - 800AH5NFS
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/13/2008

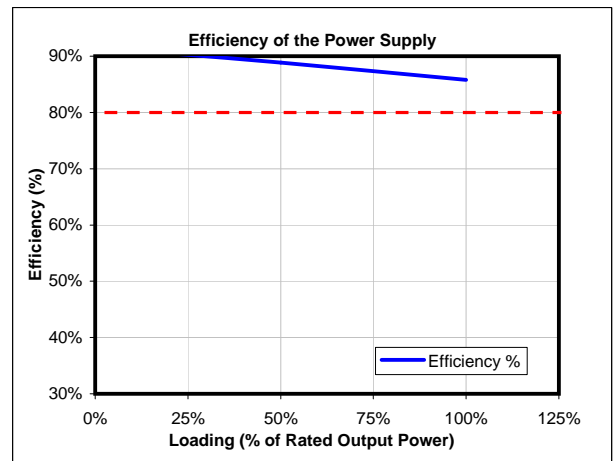
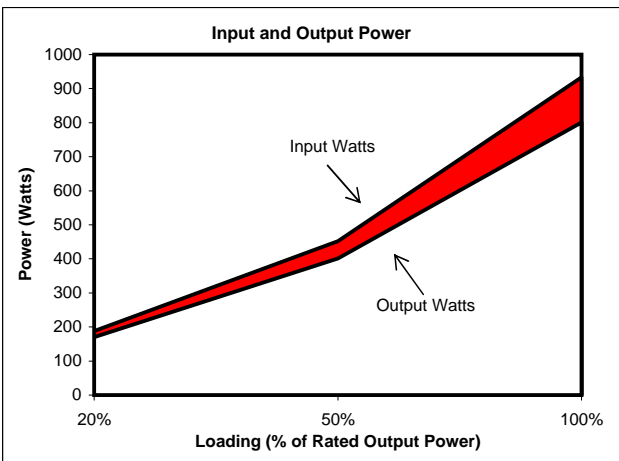


Input AC Current Waveform (ITHD = 9.67%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	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
1.67	0.98	15.5%	20%	Light	188	12/11	12/0.8	3.4/2.6	5.1/3.2	5.1/0.5	170	90.49%
3.96	0.99	9.7%	50%	Typical	452	12/27.5	12/0.2	3.3/6.2	5.1/8.1	5.1/1.2	401	88.84%
8.16	0.99	7.5%	100%	Full	934	12/54.9	12.1/0.4	3.3/13	5.1/16.2	5.1/2.5	801	85.77%



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/>

