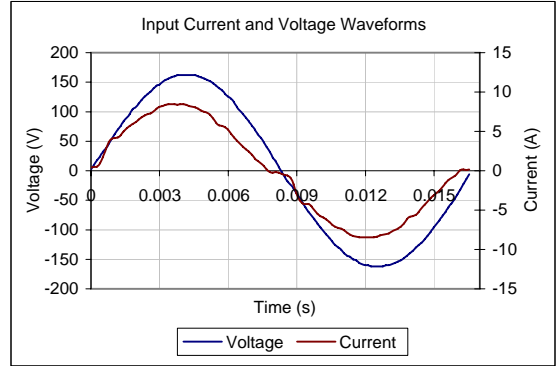


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	86.00%
AVERAGE EFFICIENCY :	84.36%
80 PLUS COMPLIANT:	YES

Ecos ID #	675.1
Manufacturer	HEC
Model Number	HEC-550TE
Serial Number	H0805006570
Year	2008
Type	ATX12V
Test Date	8/4/2008

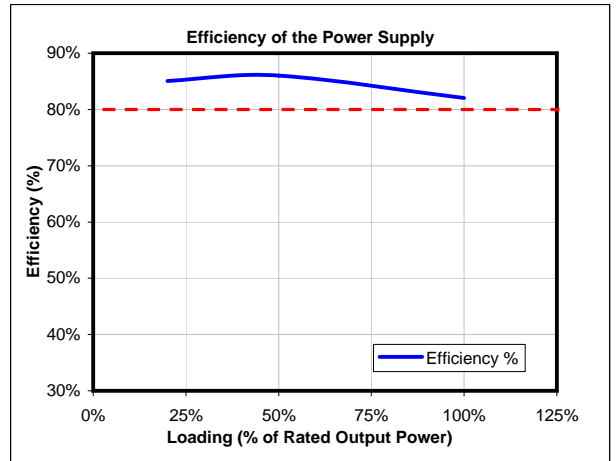
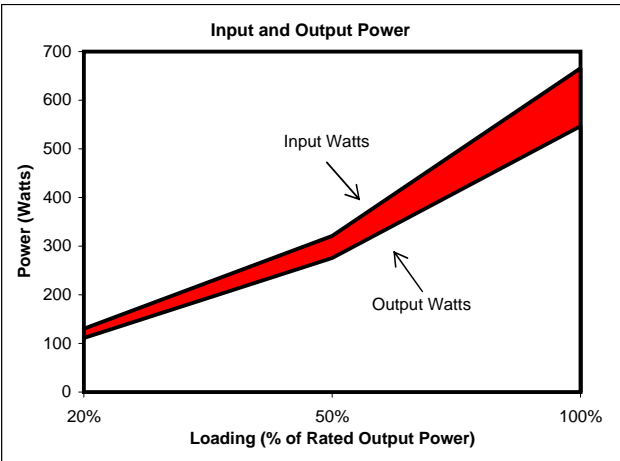


Input AC Current Waveform (ITHD = 13.1%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	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
1.15	0.99	11.1%	20%	Light	131	12.1/7.2	11.6/0	3.3/3.3	5/2.1	5.1/0.5	111	85.05%
2.89	0.97	13.1%	50%	Typical	321	12.1/17.9	11.7/0.1	3.3/8.3	4.9/5.2	5/1.1	276	86.00%
5.86	0.99	7.1%	100%	Full	666	12/35.8	12/0.3	3.2/16.6	4.8/10.4	4.9/2.2	546	82.04%



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/>

