

80 PLUS Verification and Testing Report

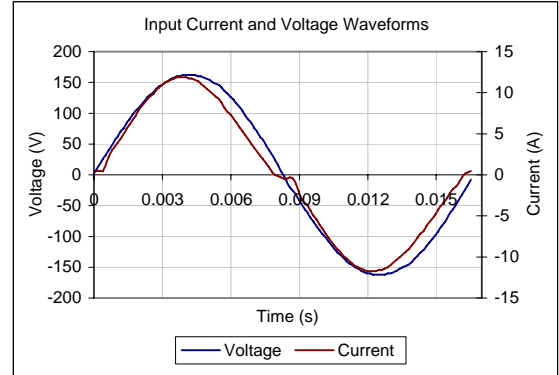
TYPICAL EFFICIENCY (50% Load):	86.88%
AVERAGE EFFICIENCY :	84.98%
80 PLUS COMPLIANT:	YES



Ecos ID #	1141
Manufacturer	THERMALTAKE
Model Number	TP XT-750AH3NCB
Serial Number	N/A
Year	2008
Type	ATX12V/EPS12V
Test Date	11/18/2008

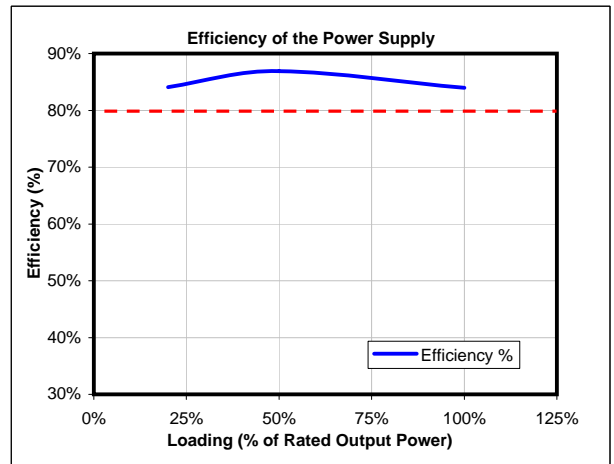
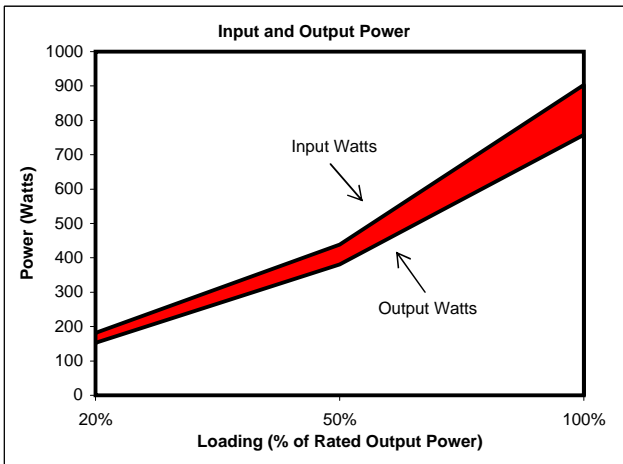
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 12.85%, 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.)	-12V	3.3V	5V*	5VSB		
1.63	0.97	20.5%	20%	Light	181	12.2/9.7	12.1/0.1	3.4/3.7	5.1/3.4	5.2/0.5	153	84.08%
3.87	0.99	12.9%	50%	Typical	439	12.2/24.4	12.2/0.3	3.3/9.1	5.1/8.5	5.2/1.2	381	86.88%
7.90	0.99	9.5%	100%	Full	903	12.1/48.8	12.2/0.6	3.3/18.1	5.1/17	5.1/2.4	758	83.97%



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/>

