

80 PLUS Verification and Testing Report

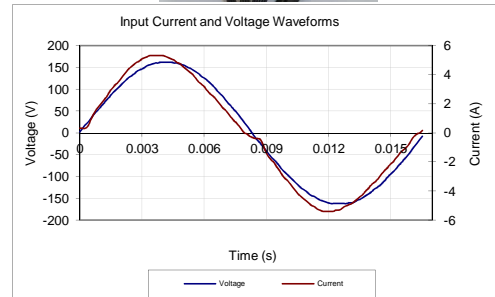
TYPICAL EFFICIENCY (50% Load):	90.97%
AVERAGE EFFICIENCY :	89.43%
80 PLUS COMPLIANT:	YES



Ecos ID #	3891
Manufacturer	Thermaltake Technology Co., Ltd.
Model Number	TPD-0750M Toughpower 750W GOLD
Serial Number	PSTPD0750MPCGEU1HU000002
Year	2014
Type	ATX12V
Test Date	2/20/14

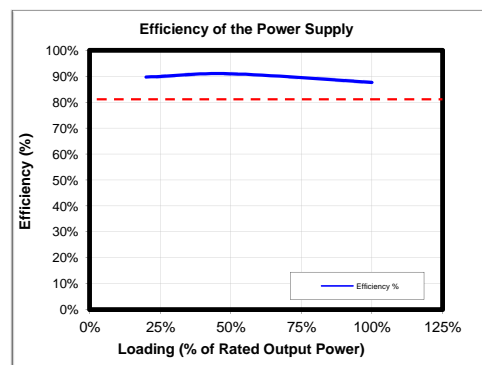
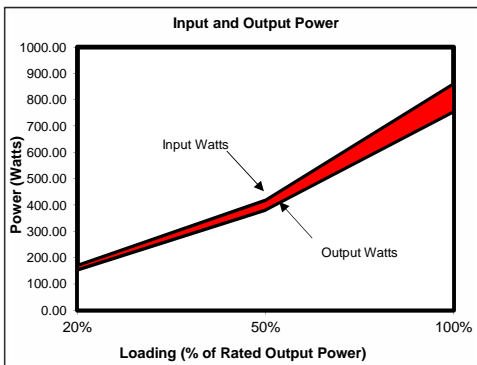
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 8.6%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	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		
0.81	0.97	18.39%	10%	89.89	12.2/5.4	11.7/0.1	3.4/1	5.1/1	5.1/0.3	76.48	85.08%
1.51	0.98	15.28%	20%	170.20	12.2/10.7	11.6/0.1	3.3/2.1	5.1/2.1	5/0.5	152.68	89.70%
3.66	0.99	8.60%	50%	417.80	12.1/26.8	11.7/0.4	3.3/5.2	5.1/5.2	5.1/1.3	380.09	90.97%
7.50	1.00	4.84%	100%	860.30	12.1/53.5	11.7/0.7	3.3/10.4	5.1/10.3	5/2.6	753.82	87.62%



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/>

