80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.09%**
AVERAGE EFFICIENCY :	**90.79%**
80 PLUS COMPLIANT:	**YES**

ID Number	5436
Manufacturer	Thermaltake Technology Co., Ltd.
Model Number	TTP-750AH3FCG Toughpower GF1 750W
Serial Number	PSTPD0750FNFAGU1LF000001
Year	2018
Type	ATX12V,EPS12V,PS2
Test Date	11/29/18
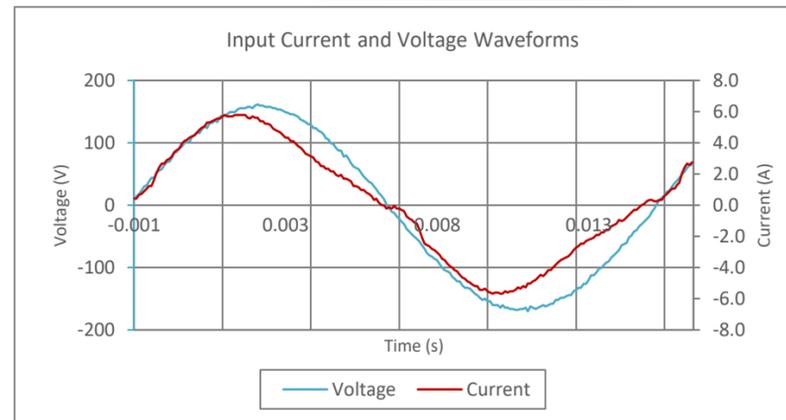
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	**750**	**Watts**

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

Input Current and Voltage Waveforms

Input AC Current Waveform (ITHD = 13.88%, 50% Load)

I_{RMS}	PF	I_{THD}	Load	Input Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb	Output Watts	Efficiency
0.78	0.95	12.37%	10%	85.38	12.07/5.28	12.04/0.03	3.31/1.22	5.01/1.22	5.04/0.25	75.41	88.32%
1.47	0.98	12.33%	20%	165.67	12.05/10.6	12.05/0.05	3.31/2.44	5.01/2.43	5.04/0.51	151.21	91.27%
3.64	0.98	13.88%	50%	410.70	12.06/26.51	12.09/0.13	3.31/6.12	5.01/6.05	5.02/1.27	378.19	92.09%
7.47	0.99	10.83%	100%	847.30	12.04/52.94	12.14/0.25	3.32/12.21	5.01/12.08	4.98/2.53	754.13	89.00%

Input and Output Power

Efficiency of the Power Supply

PLUG LOAD solutions
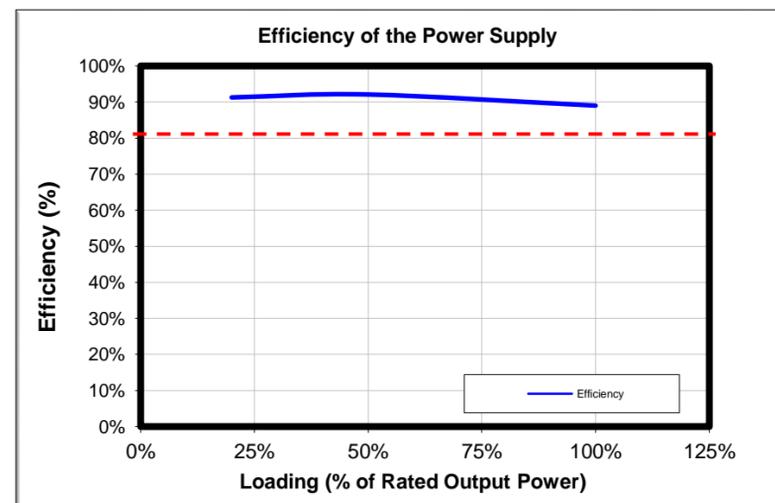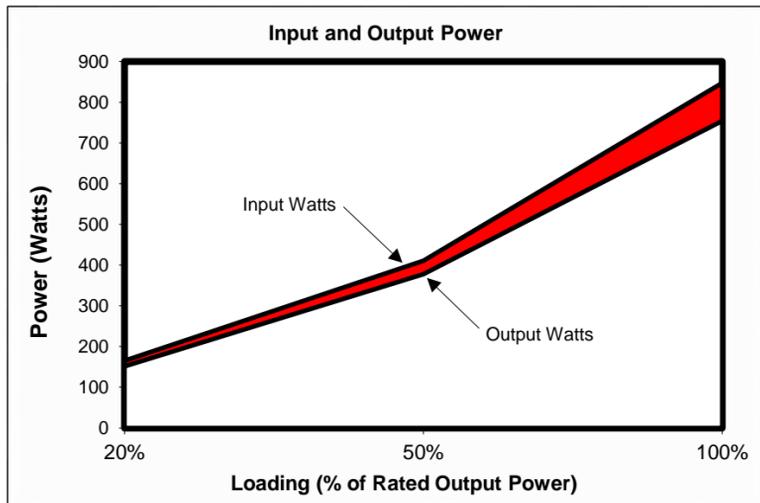
These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. *http://www.80plus.org/*

80 PLUS®