

80 PLUS Verification and Testing Report

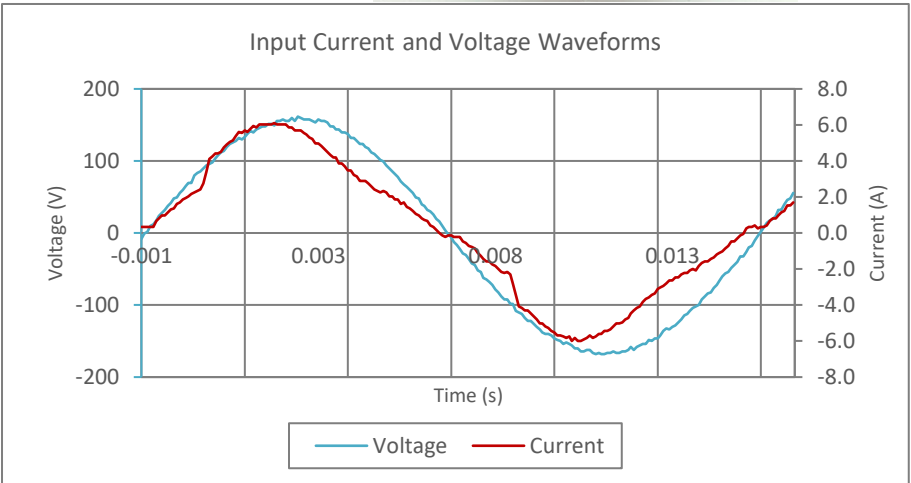
TYPICAL EFFICIENCY (50% Load):	91.08%
AVERAGE EFFICIENCY :	89.94%
80 PLUS COMPLIANT:	YES



ID Number	6427
Manufacturer	Thermaltake Technology Co.,Ltd
Model Number	TOUGHPOWER GF 750W
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/17/21

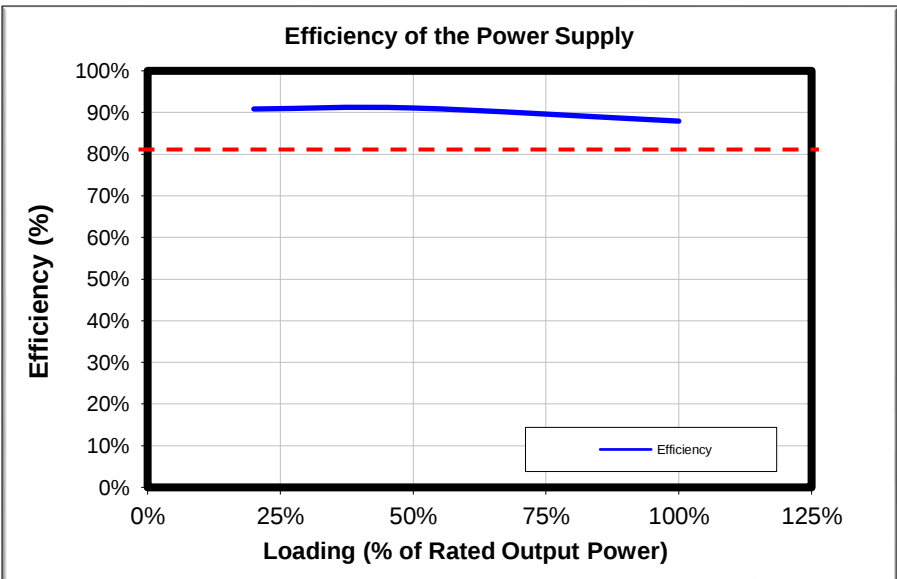
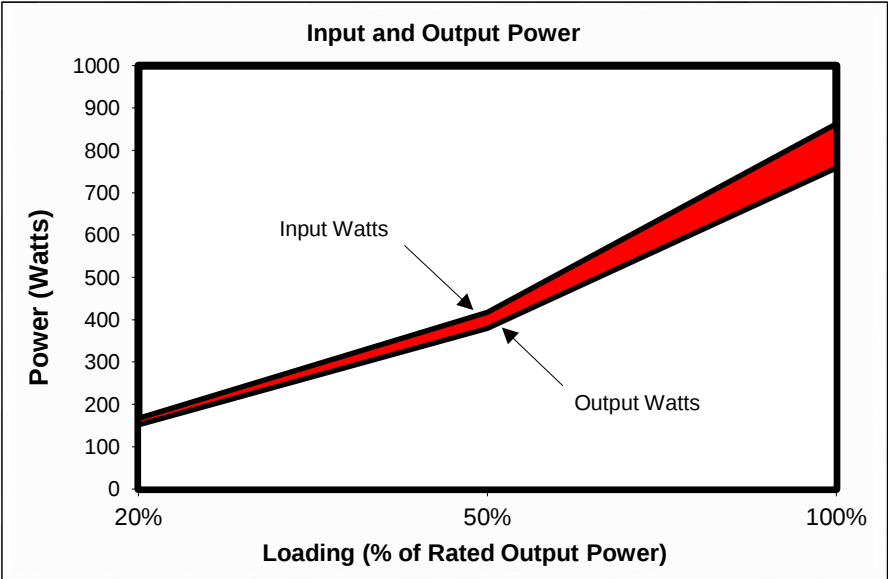
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 17.08%, 50% Load)

I _{RMS}	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		
0.79	0.96	21.93%	10%	86.65	12.12/5.36	11.85/0.03	3.34/1.14	5.04/1.14	5.07/0.22	76.00	87.71%
1.49	0.97	18.65%	20%	166.85	12.12/10.71	11.62/0.05	3.34/2.28	5.04/2.27	5.05/0.43	151.55	90.83%
3.71	0.98	17.08%	50%	417.00	12.12/26.86	11.65/0.13	3.34/5.72	5.04/5.66	5.02/1.08	379.80	91.08%
7.63	0.98	13.74%	100%	862.60	12.11/53.65	11.99/0.26	3.34/11.44	5.03/11.31	4.96/2.15	758.44	87.92%



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/>