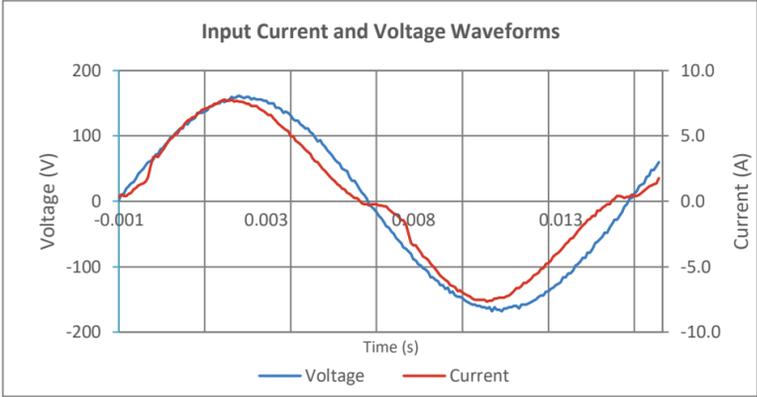


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.79%
AVERAGE EFFICIENCY :	88.45%
80 PLUS COMPLIANT:	Gold



ID Number	6876
Manufacturer	Thermaltake
Model Number	TPD-1000AH3FCG TOUGHPower GF3 1000W
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	9/21/22

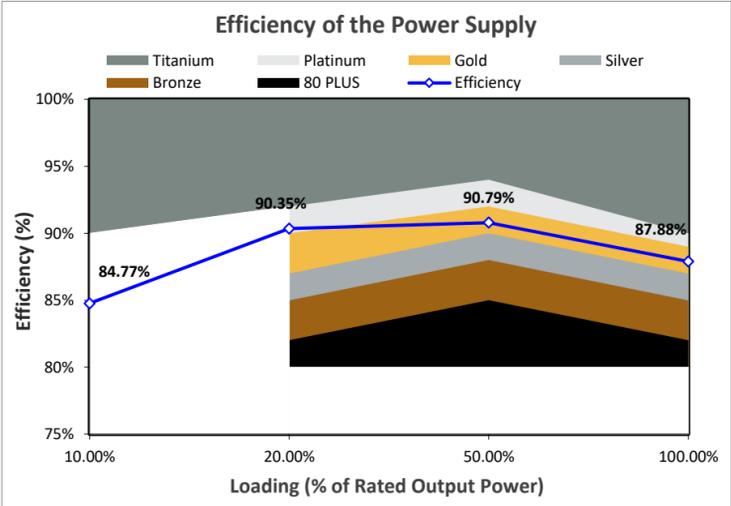
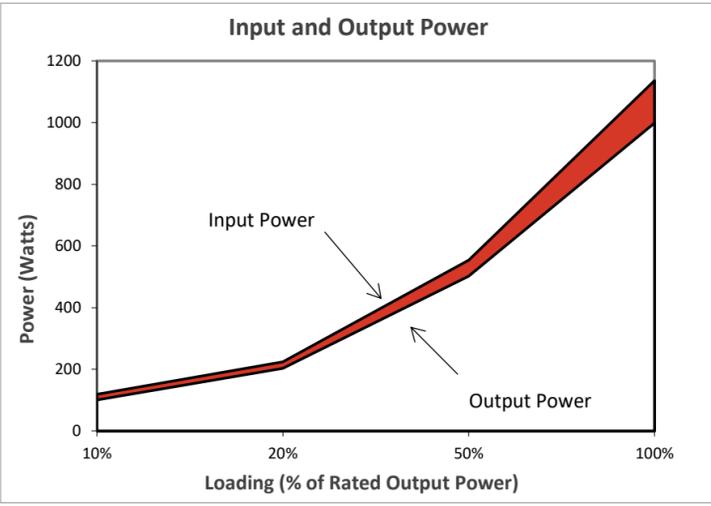


Input AC Current Waveform (ITHD = 14.88%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13/6.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	1000	Watts

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

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		
1.054	0.9772	18.23%	10%	118.45	12.04/7.33	11.95/0.03	3.28/1.27	5.01/1.27	5.07/0.26	100.41	84.77%
1.977	0.9848	16.41%	20%	224.00	12.1/14.72	11.95/0.05	3.28/2.54	5.01/2.54	5.06/0.53	202.38	90.35%
4.889	0.9848	14.88%	50%	553.50	12.02/36.76	11.96/0.13	3.28/6.34	5.01/6.28	5.12/1.32	502.50	90.79%
9.970	0.9912	11.29%	100%	1136.10	11.99/73.19	11.98/0.26	3.28/12.69	5/12.55	5.08/2.63	998.46	87.88%



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/>