

80 PLUS Verification and Testing Report

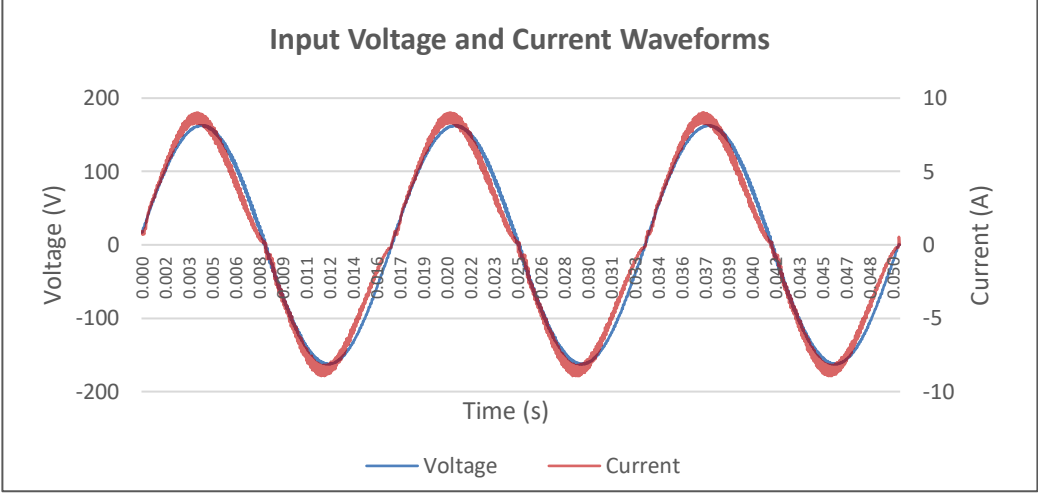
TYPICAL EFFICIENCY (50% Load):	92.55%
AVERAGE EFFICIENCY :	89.61%
80 PLUS COMPLIANT:	Platinum



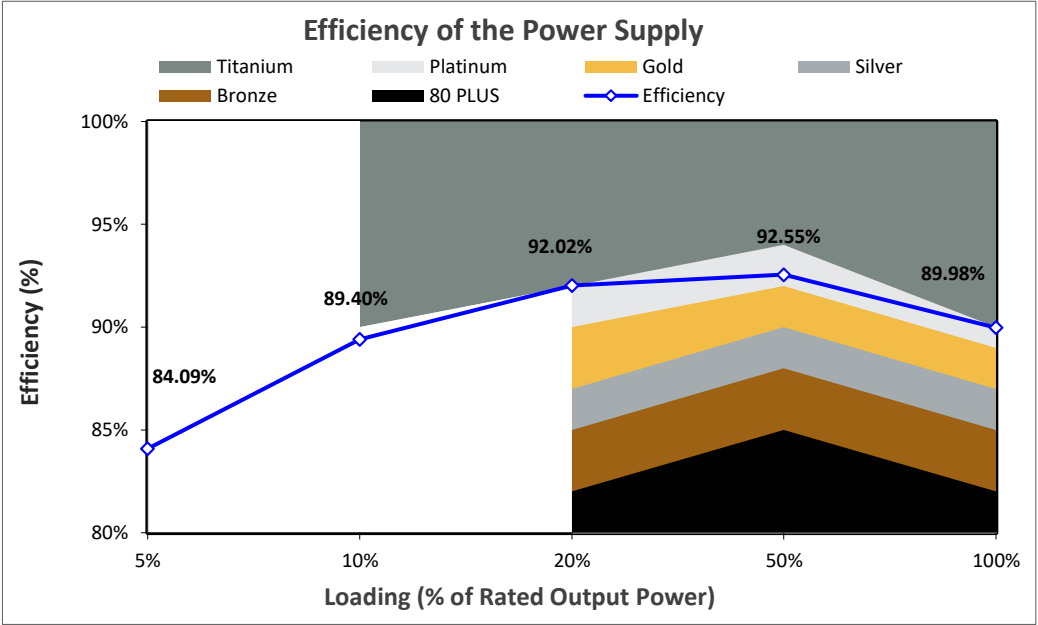
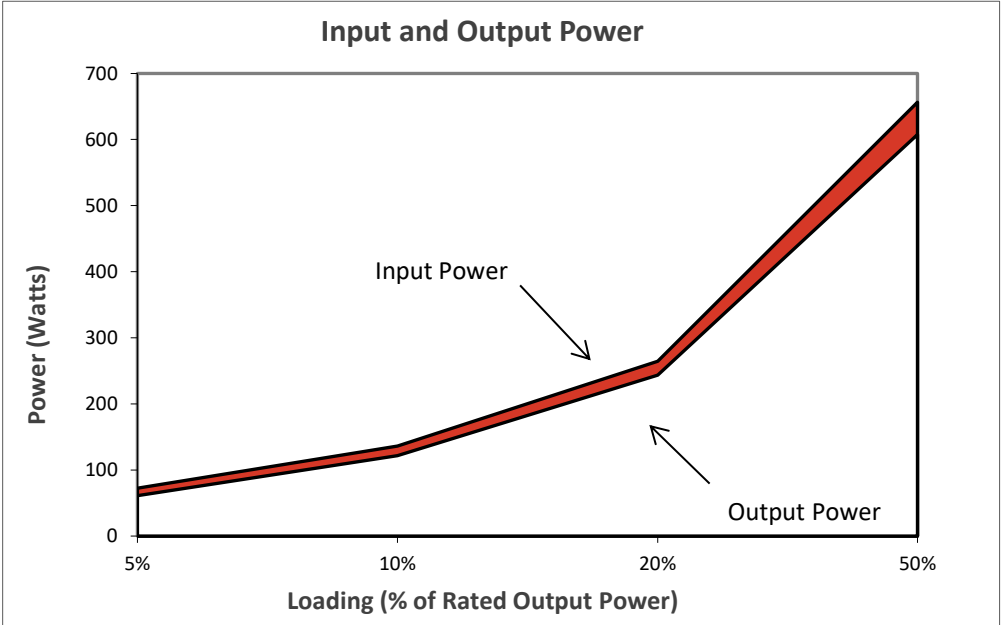
ID Number	7592
Manufacturer	Thermaltake
Model Number	TPD-1200AH2FLP TOUGHPower PF3 1200W
Serial Number	PSTPD1200FNFAPULPKVH01007
Type	ATX 3.1
Test Date	10/25/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	20-8	Amps
Input Frequency	50/60	Hz
Rated Output Power	1200	Watts

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



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		
0.187	0.4491	34.17	0%	9.66	No-Load						
0.674	0.9325	15.54	5%	72.35	12.17/4.45	11.99/0.013	3.34/0.7	5.05/0.7	5.04/0.134	60.84	84.09%
1.218	0.9733	10.12	10%	136.19	12.18/8.9	12.08/0.027	3.34/1.39	5.05/1.39	5.04/0.267	121.76	89.40%
2.349	0.9792	10.94	20%	264.70	12.18/17.8	12.09/0.053	3.35/2.79	5.06/2.79	5.04/0.534	243.59	92.02%
5.750	0.9931	7.46	50%	656.51	12.15/44.49	12.11/0.134	3.37/6.97	5.07/6.97	5.03/1.335	607.63	92.55%
11.747	0.9967	5.90	100%	1347.02	12.1/88.98	12.11/0.267	3.41/13.94	5.09/13.94	5.01/2.669	1212.07	89.98%



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/>