

80 PLUS Verification and Testing Report

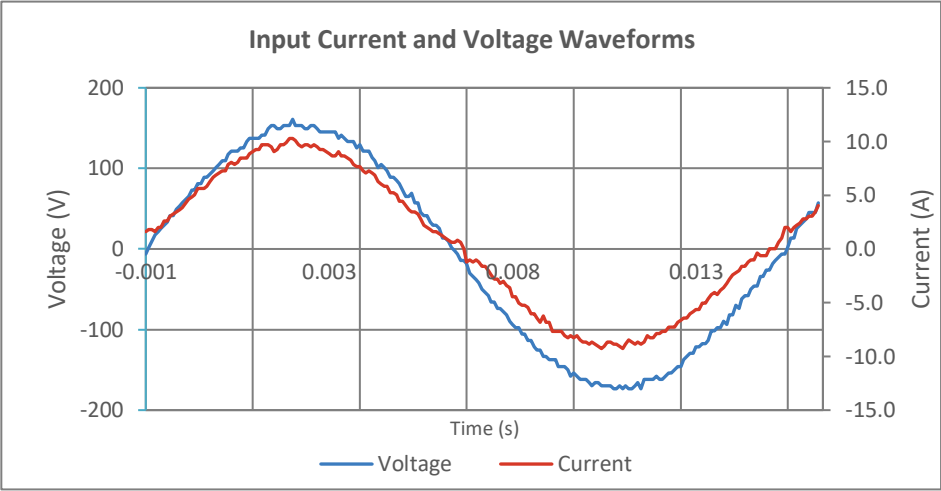
TYPICAL EFFICIENCY (50% Load):	91.56%
AVERAGE EFFICIENCY :	89.74%
80 PLUS COMPLIANT:	Gold



ID Number	6886
Manufacturer	Thermaltake
Model Number	TPD-1350AH3FSG TOUGHPower GF3 1350W
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	10/11/22

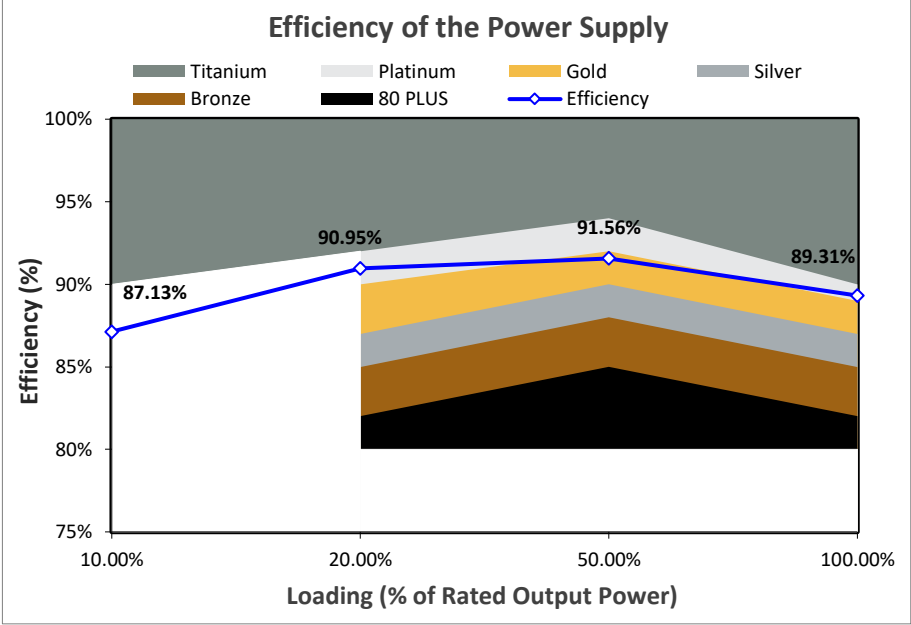
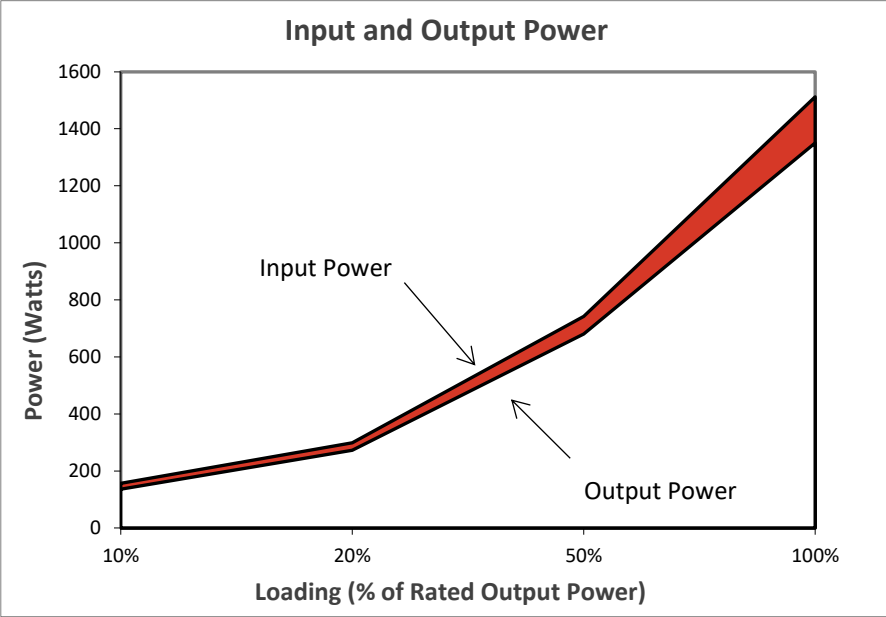
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		16-8	Amps
Input Frequency		50-60	Hz
Rated Output Power		1350	Watts

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



Input AC Current Waveform (ITHD = 5.09%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
1.390	0.9795	14.51%	10%	156.50	12.07/10.23	12.24/0.05	3.36/1.3	5.04/1.31	5.04/0.27	136.36	87.13%
2.621	0.9940	6.38%	20%	299.50	12.06/20.45	12.26/0.1	3.36/2.62	5.04/2.61	5.02/0.54	272.39	90.95%
6.475	0.9975	5.09%	50%	742.70	12.04/51.13	12.29/0.23	3.36/6.55	5.04/6.49	4.98/1.36	680.03	91.56%
13.173	0.9984	4.77%	100%	1512.40	12.02/101.73	12.34/0.45	3.36/13.1	5.05/12.95	4.91/2.72	1350.69	89.31%



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/>