

80 PLUS Verification and Testing Report

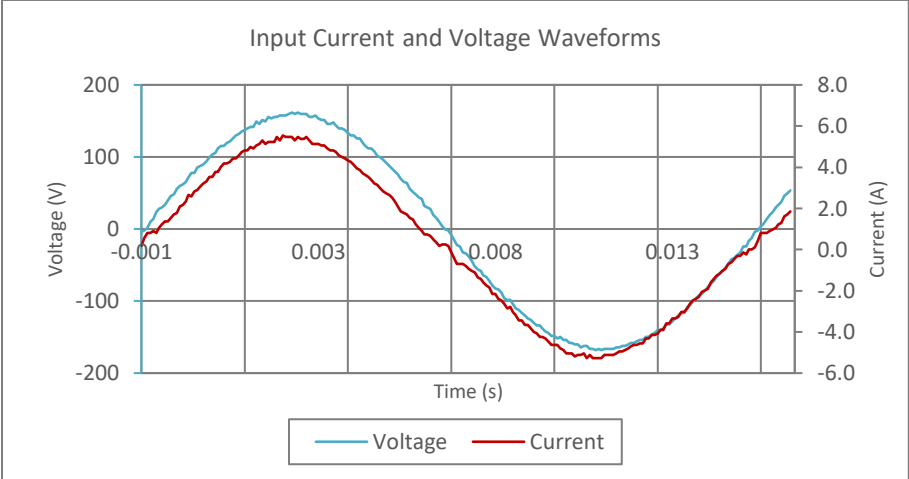
TYPICAL EFFICIENCY (50% Load):	91.45%
AVERAGE EFFICIENCY :	90.00%
80 PLUS COMPLIANT:	YES



ID Number	5448
Manufacturer	FSP Technology Inc.
Model Number	HG2-750
Serial Number	S8201030007
Year	2018
Type	ATX12V, EPS12V
Test Date	12/12/18

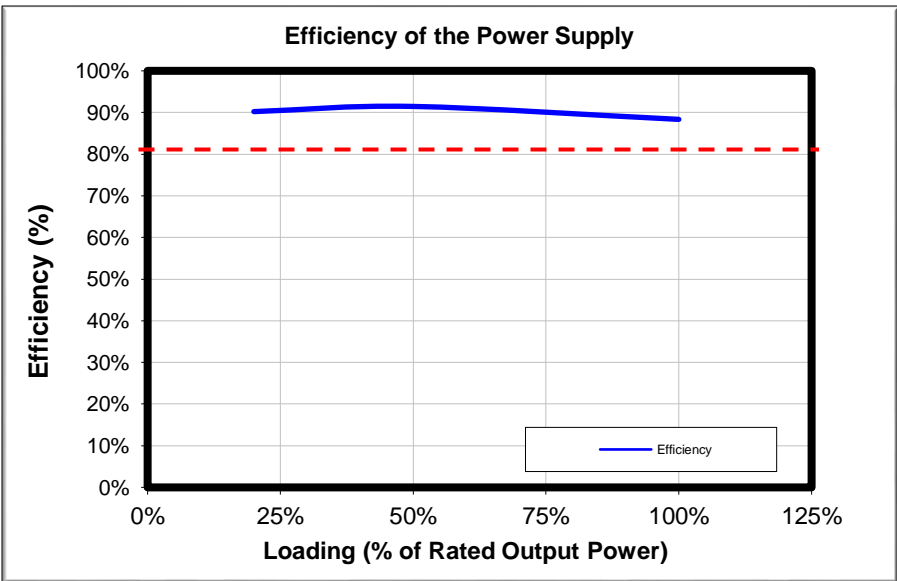
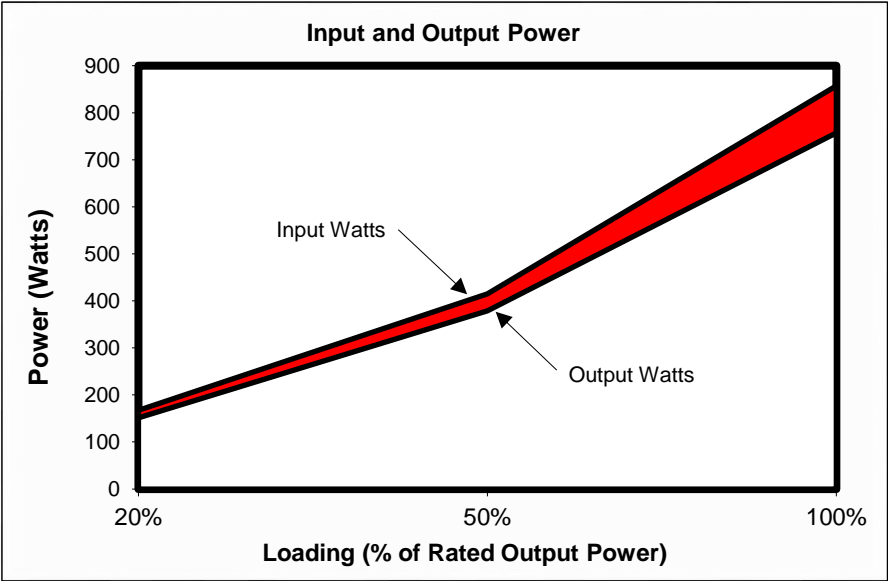
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 5.07%, 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		
0.79	0.98	14.88%	10%	88.24	12.08/5.45	12.22/0.03	3.31/1.04	5.09/1.04	4.96/0.22	75.94	86.06%
1.47	0.99	5.56%	20%	167.93	12.07/10.86	12.23/0.05	3.34/2.09	5.12/2.08	4.95/0.43	151.49	90.21%
3.61	1.00	5.07%	50%	414.60	12.04/27.2	12.26/0.13	3.42/5.22	5.19/5.18	4.92/1.08	379.17	91.45%
7.48	1.00	6.07%	100%	857.10	12/54.3	12.32/0.26	3.55/10.44	5.32/10.33	4.87/2.16	757.21	88.35%



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/>

