

80 PLUS Verification and Testing Report

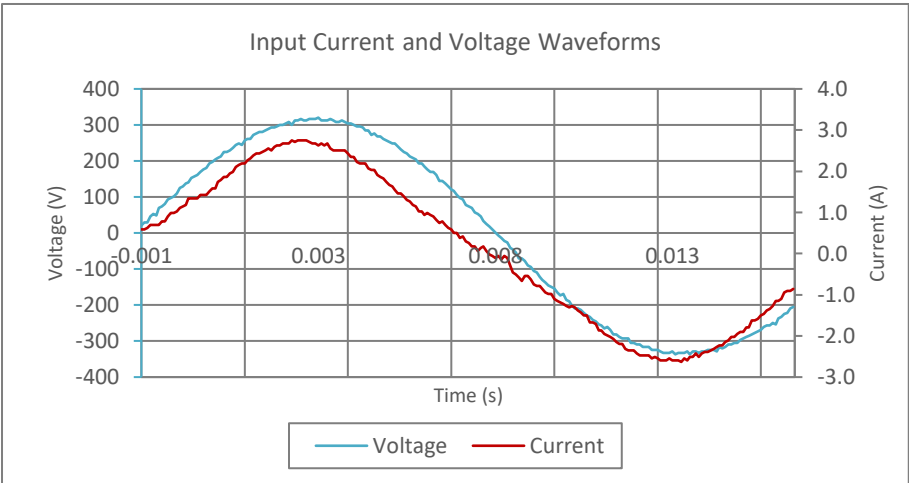
TYPICAL EFFICIENCY (50% Load):	89.88%
AVERAGE EFFICIENCY :	88.35%
80 PLUS COMPLIANT:	YES



ID Number	EU-437.1
Manufacturer	FSP Technology Inc.
Model Number	HP2-700M
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	7/19/18

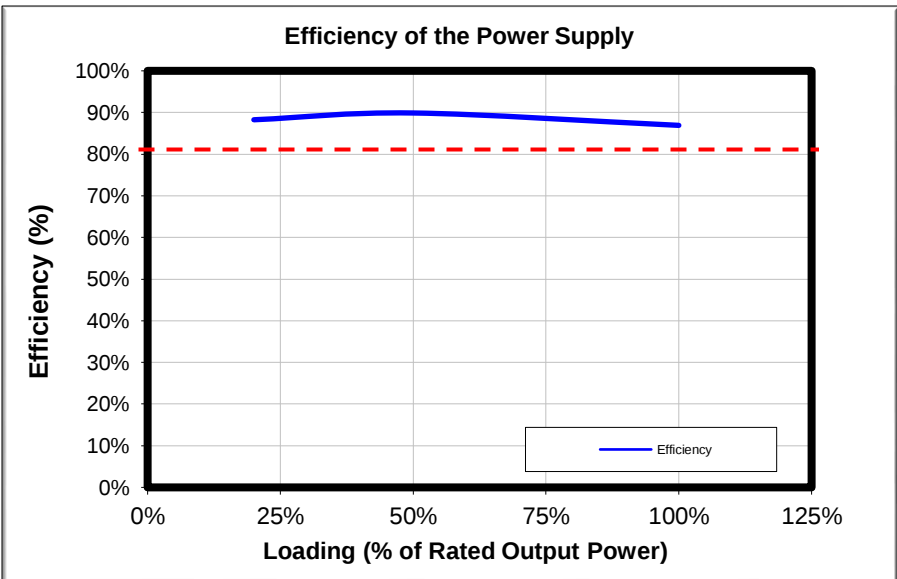
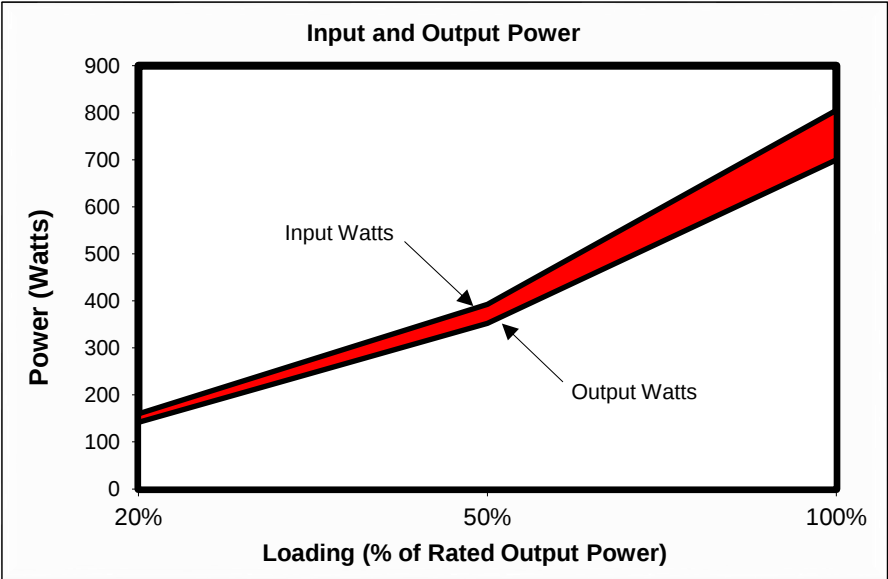
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 10.45%, 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		
0.40	0.92	26.40%	10%	85.06	12.11/5.01	11.95/0.03	3.33/1.04	5.06/1.04	5.14/0.22	70.92	83.38%
0.72	0.97	10.41%	20%	160.34	12.1/10.03	11.95/0.05	3.32/2.08	5.05/2.07	5.12/0.43	141.50	88.25%
1.73	0.99	10.45%	50%	392.50	12.05/25.11	11.96/0.13	3.3/5.2	5.03/5.15	5.07/1.08	352.78	89.88%
3.54	0.99	11.92%	100%	805.20	11.97/50.18	12.05/0.26	3.26/10.4	4.99/10.29	4.98/2.15	699.80	86.91%



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/>

