

80 PLUS Verification and Testing Report

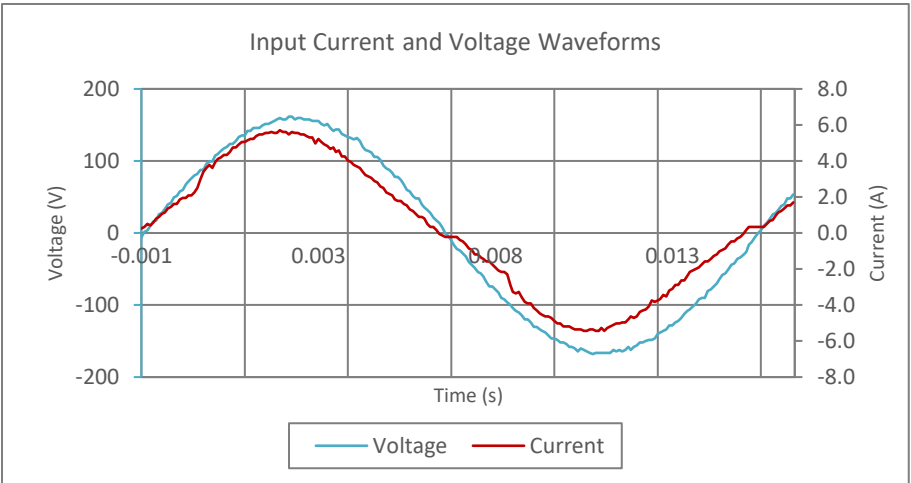
TYPICAL EFFICIENCY (50% Load):	91.43%
AVERAGE EFFICIENCY :	90.12%
80 PLUS COMPLIANT:	YES



ID Number	6695.1
Manufacturer	Micro-Star International Co., Ltd.
Model Number	MPG A750G PCIe5
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	11/2/21

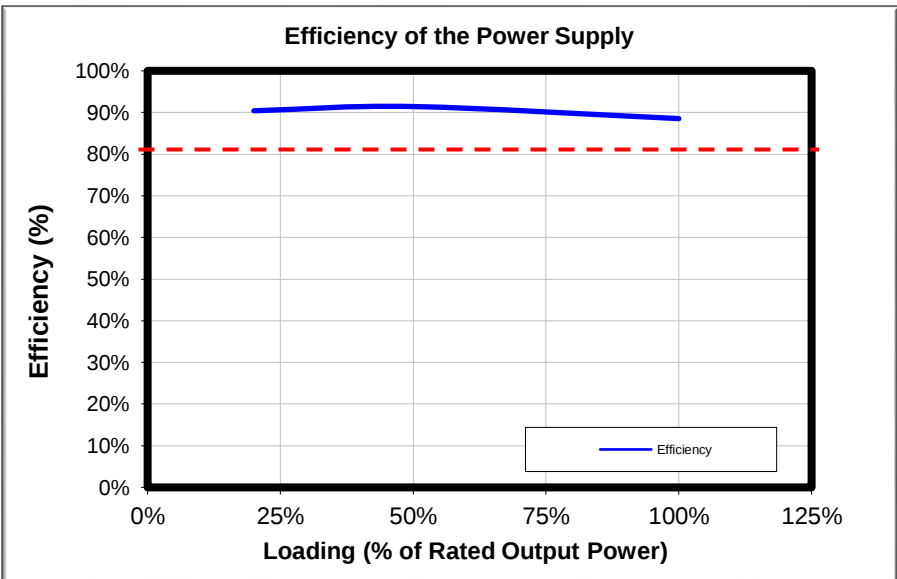
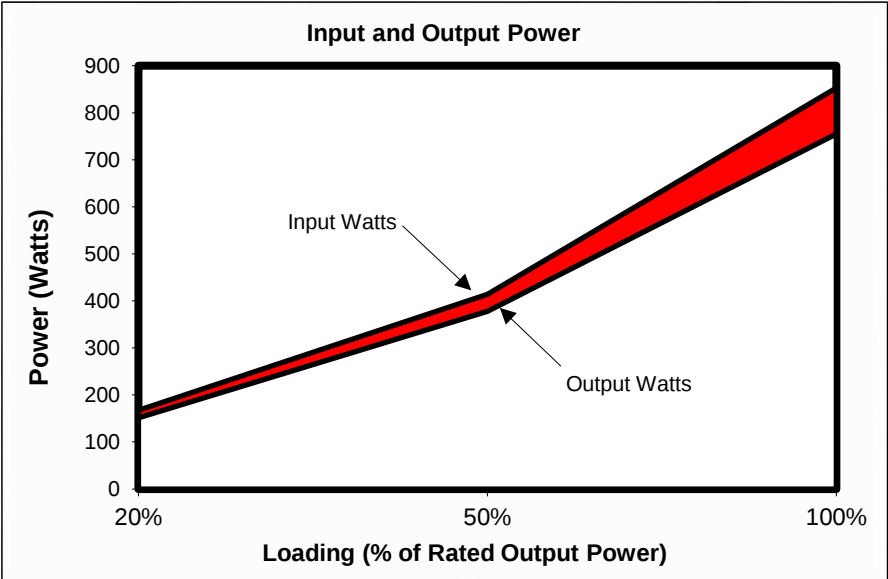
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 10.77%, 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		
0.77	0.98	12.21%	10%	87.11	12.06/5.29	11.97/0.03	3.29/1.22	5.03/1.22	5.06/0.25	75.57	86.75%
1.47	0.99	11.77%	20%	167.13	12.07/10.58	11.97/0.05	3.29/2.44	5.02/2.43	5.05/0.51	151.10	90.41%
3.63	0.99	10.77%	50%	413.50	12.07/26.48	11.97/0.13	3.29/6.11	5.02/6.05	5.12/1.27	378.05	91.43%
7.45	0.99	8.29%	100%	852.60	12.06/52.92	11.99/0.25	3.29/12.21	5.02/12.08	5.08/2.53	754.85	88.54%



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/>