80 PLUS Verification and Testing Report

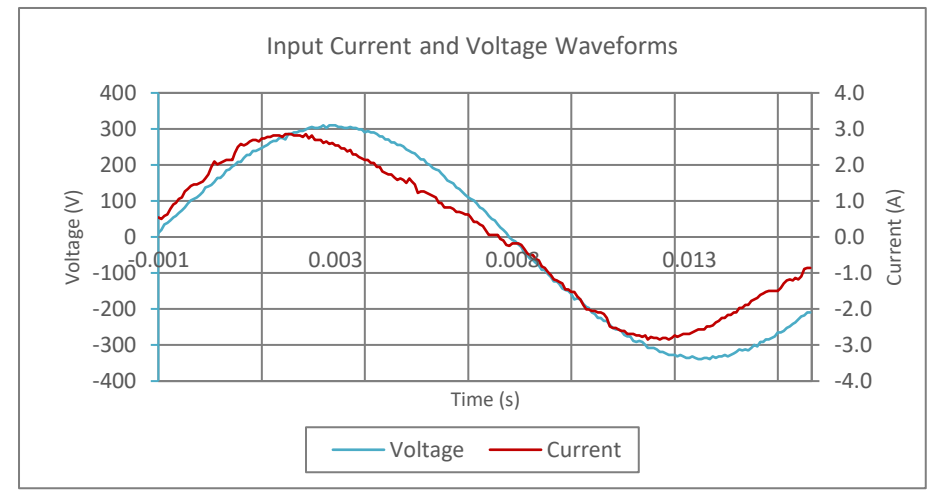
TYPICAL EFFICIENCY (50% Load):	**90.53%**
AVERAGE EFFICIENCY :	**89.11%**
80 PLUS COMPLIANT:	**YES**



ID Number	EU-519
Manufacturer	MARS GAMING
Model Number	MPB750
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	4/17/19

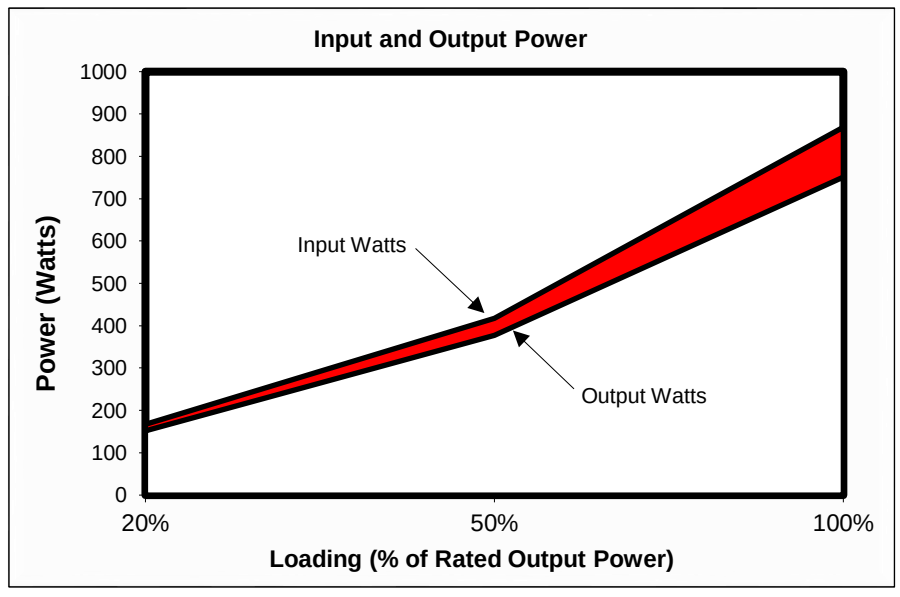
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	47-63	Hz
Rated Output Power	**750**	**Watts**

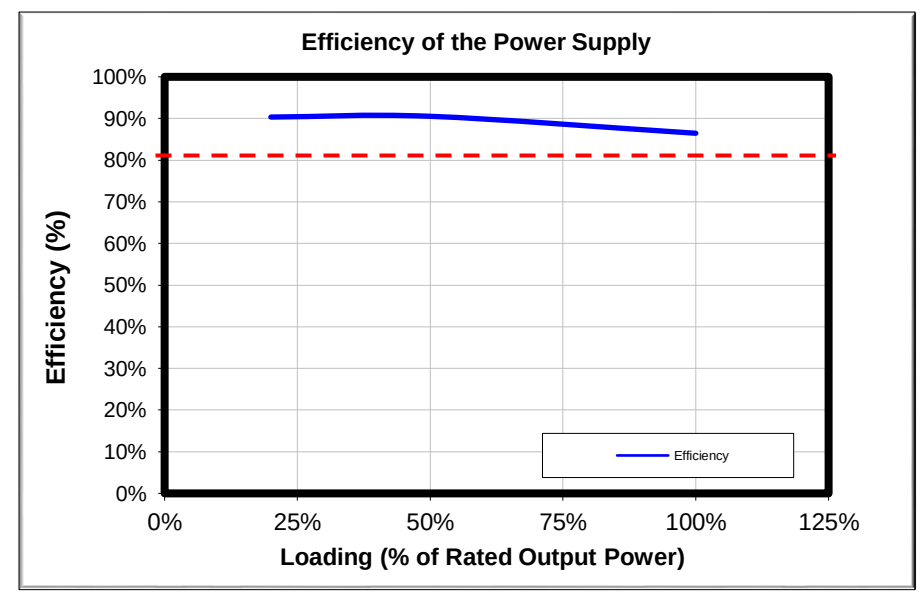
Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 10.54%, 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		
0.44	0.86	14.23%	10%	87.70	12.06/5.27	11.82/0.04	3.34/1.23	5.09/1.23	5.03/0.25	75.62	**86.22%**
0.78	0.93	11.99%	20%	167.40	12.06/10.55	11.67/0.08	3.33/2.45	5.09/2.44	5.02/0.51	151.22	**90.34%**
1.86	0.97	10.54%	50%	417.10	12.03/26.4	12.03/0.21	3.31/6.14	5.06/6.08	4.98/1.27	377.59	**90.53%**
3.84	0.98	9.10%	100%	868.80	12/52.73	12.08/0.42	3.27/12.27	5.01/12.13	4.89/2.54	751.10	**86.45%**





PLUG LOAD solutions

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/*

80 PLUS®