

80 PLUS Verification and Testing Report

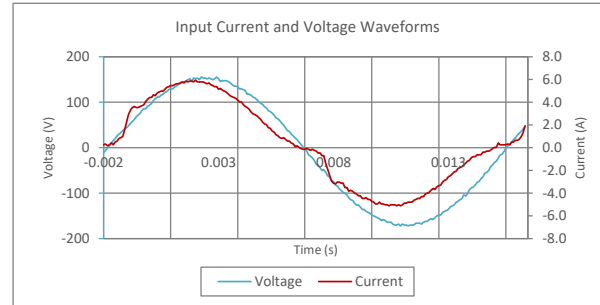
TYPICAL EFFICIENCY (50% Load):	91.79%
AVERAGE EFFICIENCY :	90.44%
80 PLUS COMPLIANT:	YES



ID Number	6155
Manufacturer	Hi earcool
Model Number	HC-750G
Serial Number	N/A
Year	2020
Type	ATX12V,EPS12V
Test Date	10/27/20

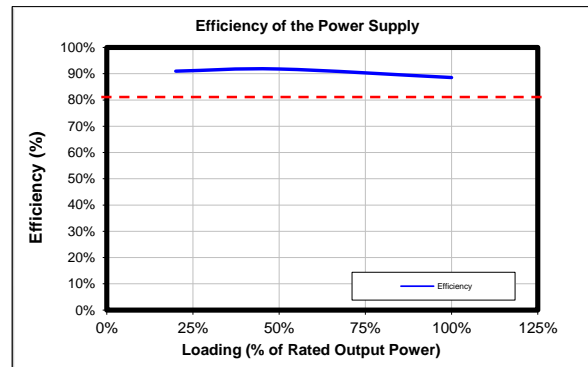
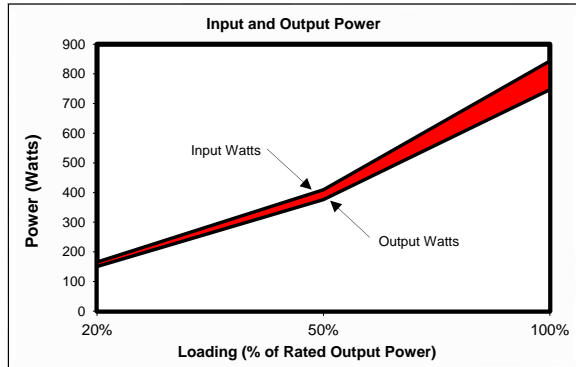
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (I_{THD} = 12.72%, 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		
1.07	0.70	10.03%	10%	86.64	12/5.41	12.4/0.03	3.37/1.12	5.09/1.05	5.14/0.22	75.59	87.24%
1.75	0.82	14.39%	20%	165.57	11.99/10.81	12.45/0.05	3.35/2.24	5.09/2.09	5.12/0.43	150.63	90.97%
3.78	0.94	12.72%	50%	409.70	11.95/27.09	12.35/0.13	3.36/5.6	5.07/5.21	5.07/1.09	376.08	91.79%
7.68	0.96	4.74%	100%	843.50	11.87/54.1	12.86/0.26	3.35/11.22	5.04/10.41	4.97/2.17	746.87	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/>

