

80 PLUS Verification and Testing Report

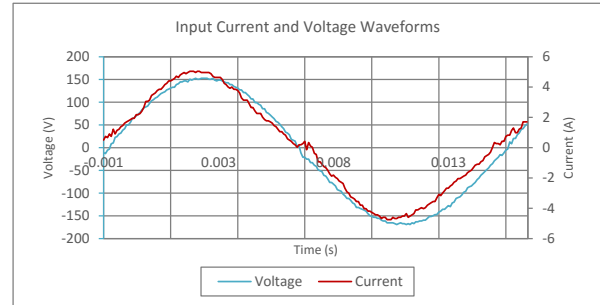
TYPICAL EFFICIENCY (50% Load):	92.00%
AVERAGE EFFICIENCY :	89.86%
80 PLUS COMPLIANT:	YES



ID Number	5057.1
Manufacturer	Antec Inc.
Model Number	OEM_EA650G PRO
Serial Number	NA
Year	2017
Type	ATX12V,EPS12V
Test Date	9/15/17

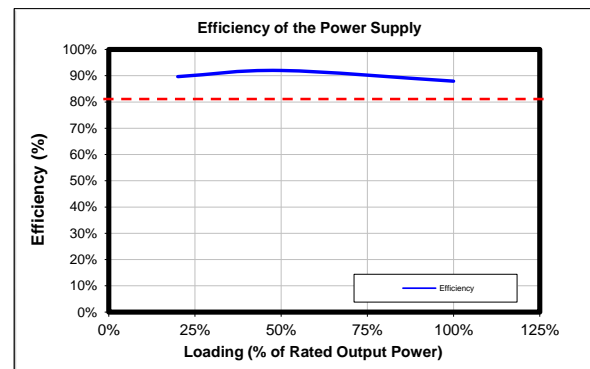
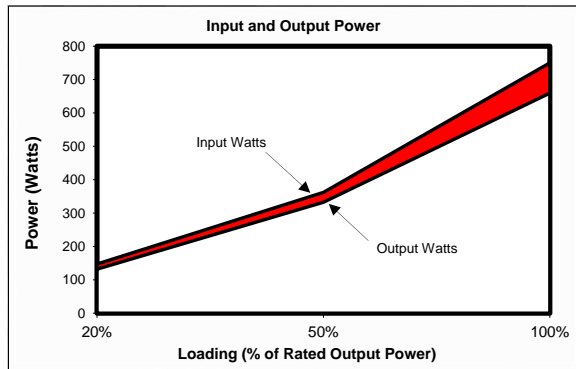
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (I_{THD} = 13.208%, 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		
0.85	0.79	37.97%	10%	77.41	12.33/4.58	12.17/0.03	3.39/1.02	5.02/1.02	5.09/0.25	66.65	86.11%
1.39	0.92	23.17%	20%	147.28	12.14/9.2	12.14/0.05	3.38/2.04	5.02/2.03	5.08/0.51	132.04	89.65%
3.23	0.97	13.21%	50%	361.84	12.28/22.99	12.16/0.13	3.37/5.12	5/5.07	5.05/1.27	332.89	92.00%
6.60	0.99	8.72%	100%	750.14	12.24/45.66	12.51/0.25	3.34/10.23	4.99/10.12	4.99/2.54	659.56	87.92%



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/>

