

80 PLUS Verification and Testing Report

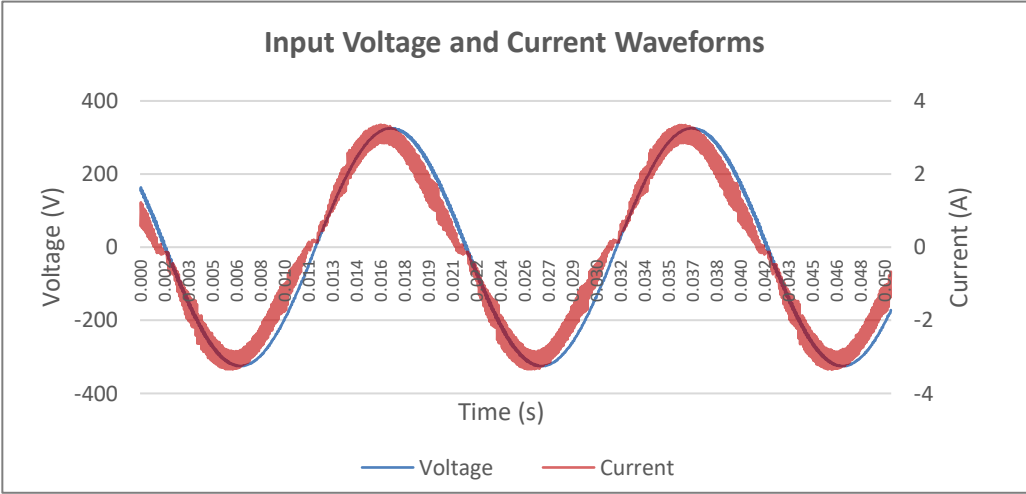
TYPICAL EFFICIENCY (50% Load):	89.77%
AVERAGE EFFICIENCY :	87.29%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1059
Manufacturer	Antec
Model Number	V5000A209A-23
Serial Number	N/A
Type	ATX12V, EPS12V
Test Date	5/29/24

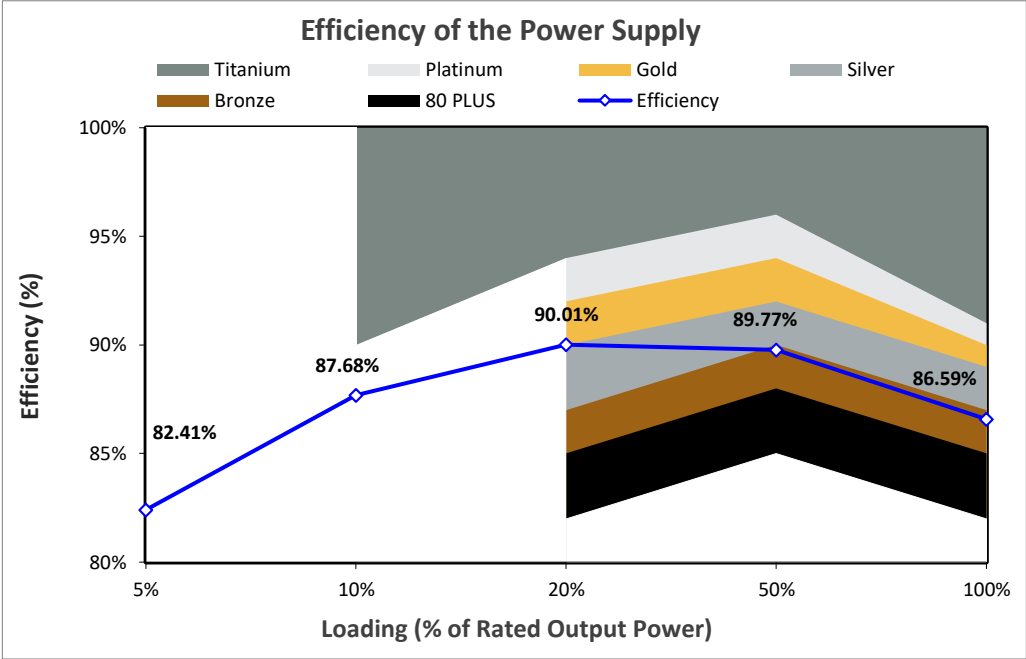
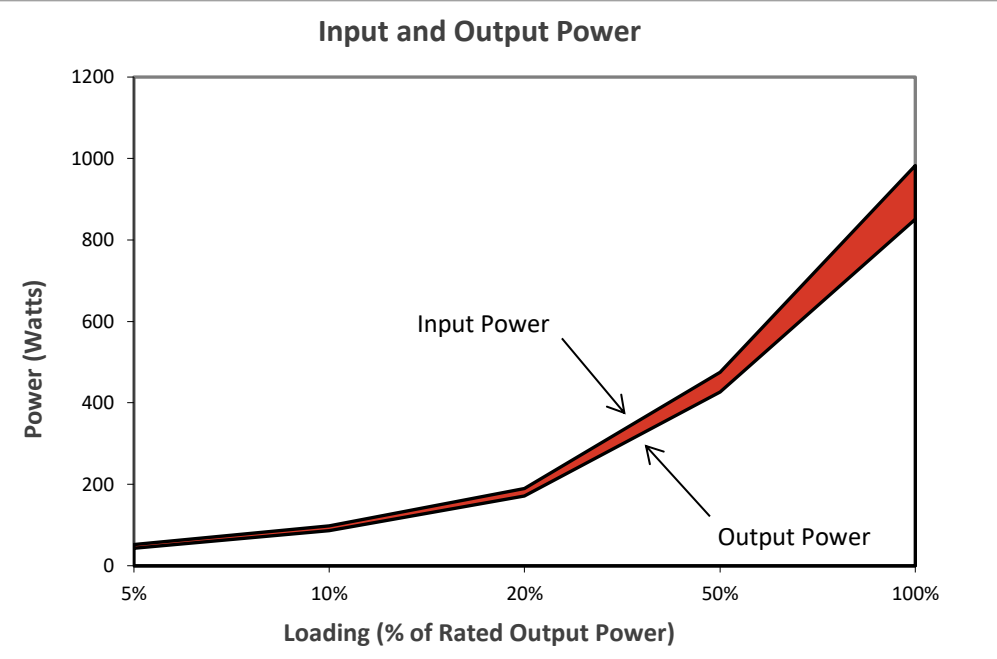
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 6.42%, 50% Load)

I _{RMS} (A)	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	5Vstb		
0.125	0.2156	24.65	0%	6.19	No-Load						
0.303	0.7455	19.33	5%	51.96	12.06/3.11	11.93/0.013	3.38/0.53	5.13/0.53	5.16/0.132	42.82	82.41%
0.486	0.8732	13.64	10%	97.66	12.06/6.22	12/0.026	3.38/1.06	5.13/1.06	5.15/0.263	85.63	87.68%
0.874	0.9463	9.50	20%	190.11	12.05/12.43	12.14/0.053	3.37/2.12	5.13/2.12	5.14/0.527	171.13	90.01%
2.103	0.9835	6.42	50%	475.69	12.03/31.08	12.45/0.132	3.35/5.29	5.11/5.29	5.09/1.317	427.02	89.77%
4.305	0.9928	3.97	100%	982.76	12/62.16	12.89/0.263	3.31/10.58	5.07/10.58	5.01/2.632	850.93	86.59%



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/>