

80 PLUS Verification and Testing Report

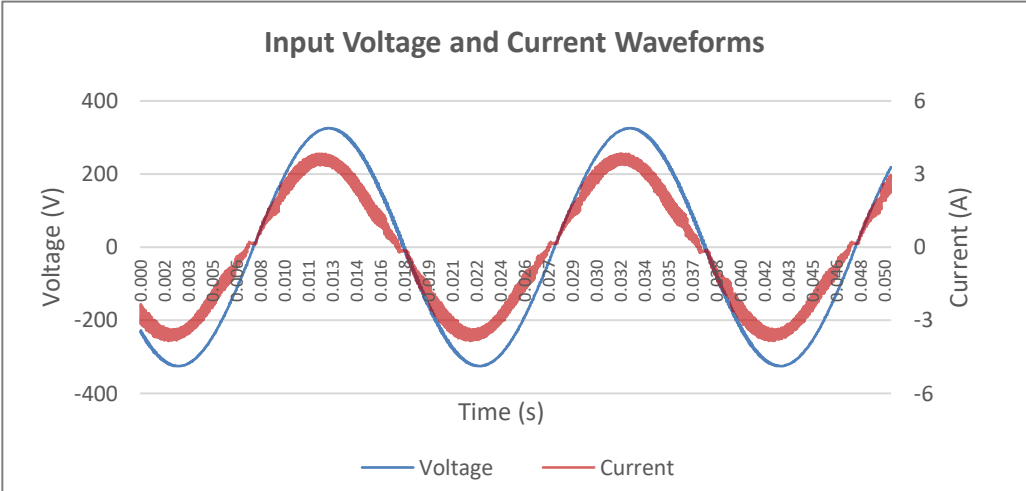
TYPICAL EFFICIENCY (50% Load):	90.49%
AVERAGE EFFICIENCY :	88.02%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1060
Manufacturer	Antec
Model Number	V5000A212A-23
Serial Number	N/A
Type	ATX12V, EPS12V
Test Date	5/30/24

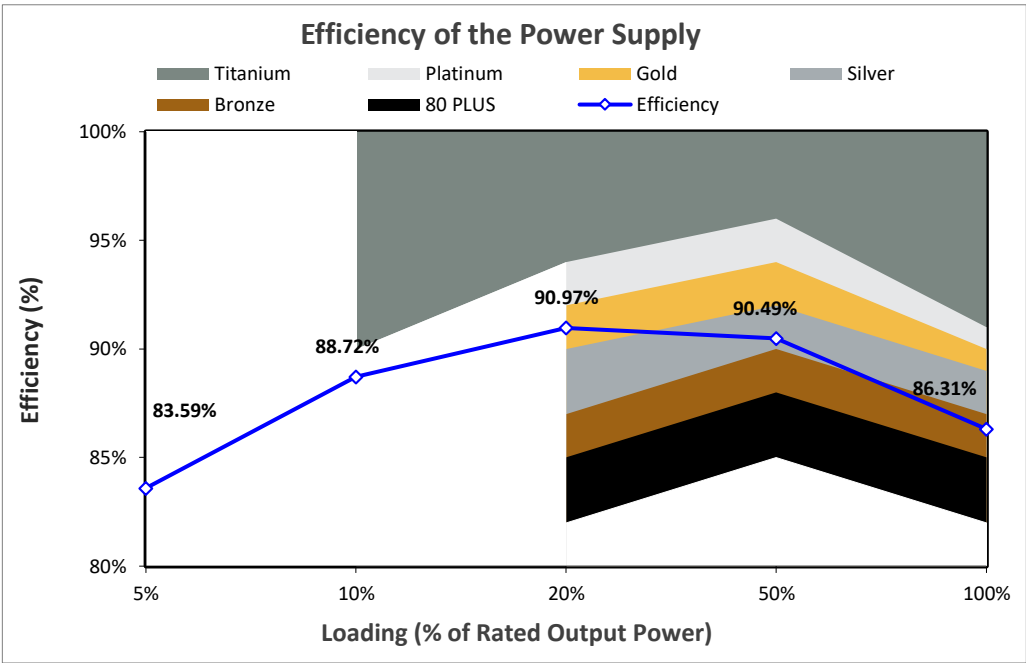
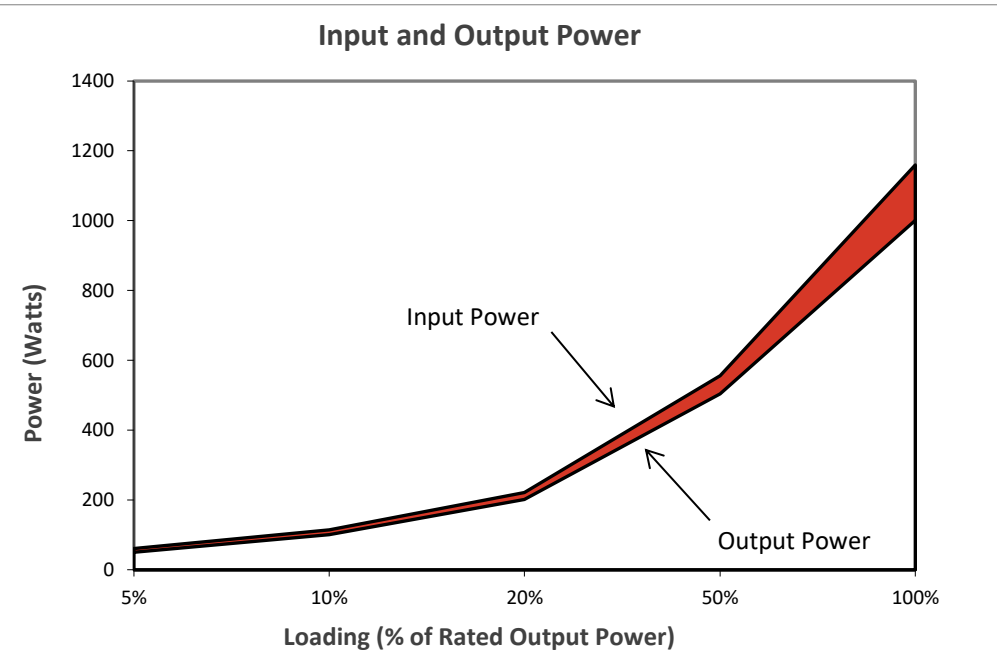
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 6.18%, 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		
0.119	0.1468	19.24	0%	4.01	No-Load						
0.337	0.7786	17.91	5%	60.40	12.1/3.73	11.85/0.013	3.38/0.54	5.11/0.54	5.17/0.134	50.49	83.59%
0.553	0.8951	12.69	10%	113.80	12.09/7.45	11.91/0.027	3.38/1.08	5.11/1.08	5.16/0.268	100.97	88.72%
1.008	0.9569	9.05	20%	221.81	12.09/14.9	12.02/0.054	3.37/2.16	5.11/2.15	5.14/0.537	201.77	90.97%
2.448	0.9876	6.18	50%	556.06	12.06/37.25	12.37/0.134	3.34/5.39	5.09/5.39	5.1/1.341	503.19	90.49%
5.070	0.9944	3.56	100%	1159.67	12/74.5	12.96/0.268	3.31/10.78	5.06/10.78	5.01/2.681	1000.97	86.31%



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/>