80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	93.40%
AVERAGE EFFICIENCY :	89.02%
80 PLUS COMPLIANT:	Gold



ID Number	EU-1048
Manufacturer	Antec
Model Number	V7000A307A-23
Serial Number	N/A
Туре	ATX12V, EPS12V
Test Date	5/7/24

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4.5	Amps
Input Frequency	50	Hz
Rated Output Power	750	Watts

Input Voltage and Current Waveforms



Input AC Current Waveform (ITHD = 21.24%, 50% Load)

80 PLUS

Gold

91.93%

20%

Efficiency

Silver

91.83%

100%

93.40%

50%

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

I _{RMS (A)}	PF	I _{THD (%)}	Load	Input	DC Terminal Voltage (V)/ DC Load Current (A)				Output	Efficiency	
				Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vstb	Watts	Efficiency
0.173	0.3180	35.57	0%	12.54	No-Load						
0.351	0.5756	27.42	5%	46.44	12.07/2.7	12.07/0.013	3.34/0.52	5.04/0.52	5.13/0.13	37.76	81.30%
0.499	0.7603	24.26	10%	87.20	12.07/5.4	12.09/0.026	3.35/1.04	5.05/1.04	5.12/0.259	75.54	86.63%
0.827	0.8647	18.52	20%	164.46	12.09/10.8	12.13/0.052	3.35/2.08	5.05/2.08	5.11/0.518	151.20	91.93%
1.903	0.9249	21.24	50%	404.91	12.09/26.98	12.26/0.13	3.35/5.2	5.05/5.2	5.07/1.295	378.17	93.40%
3.812	0.9395	23.60	100%	823.64	12.09/53.97	12.49/0.259	3.36/10.4	5.05/10.4	5.01/2.589	756.35	91.83%





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/