

80 PLUS Verification and Testing Report

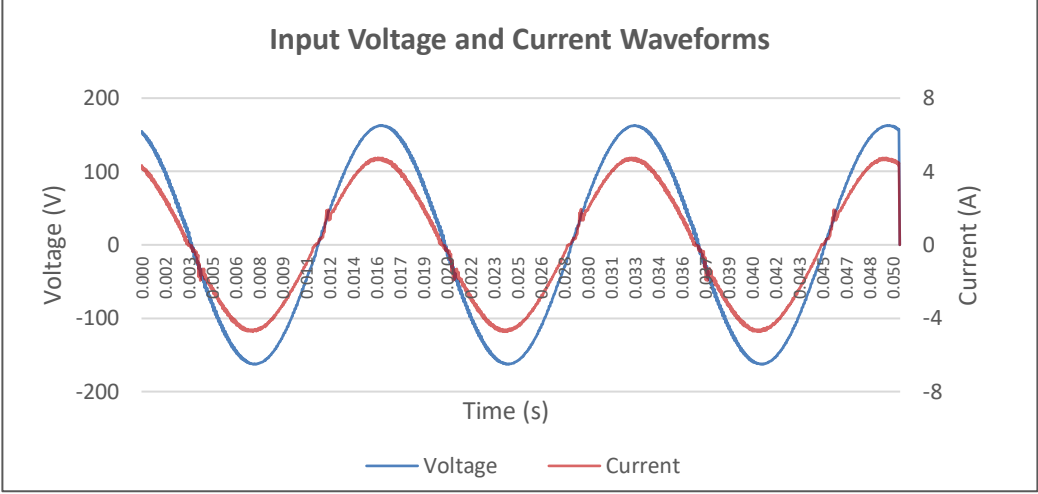
TYPICAL EFFICIENCY (50% Load):	87.35%
AVERAGE EFFICIENCY :	82.94%
80 PLUS COMPLIANT:	Bronze



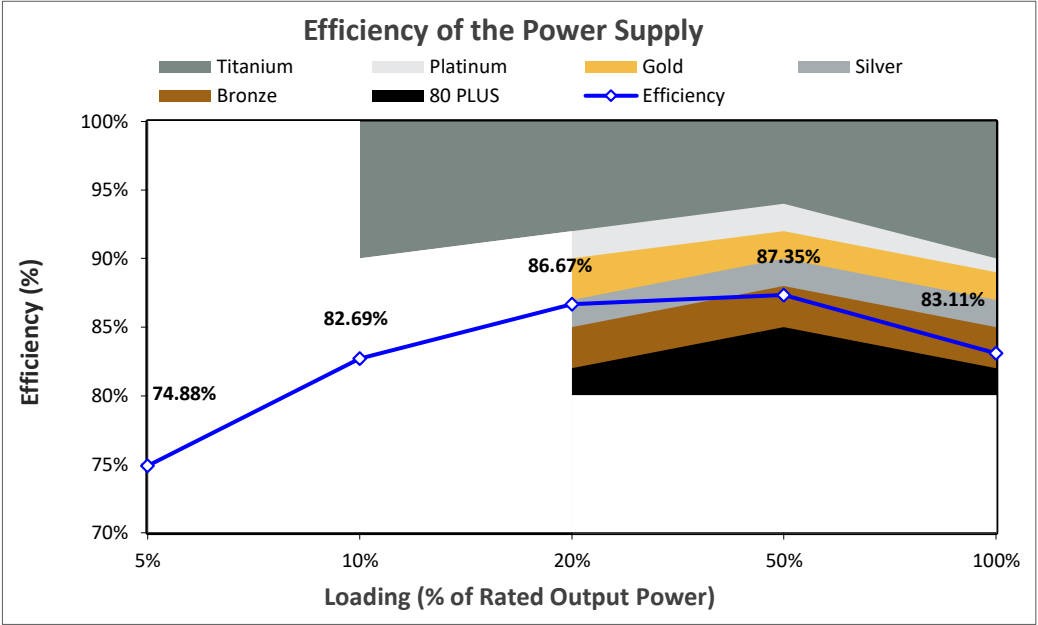
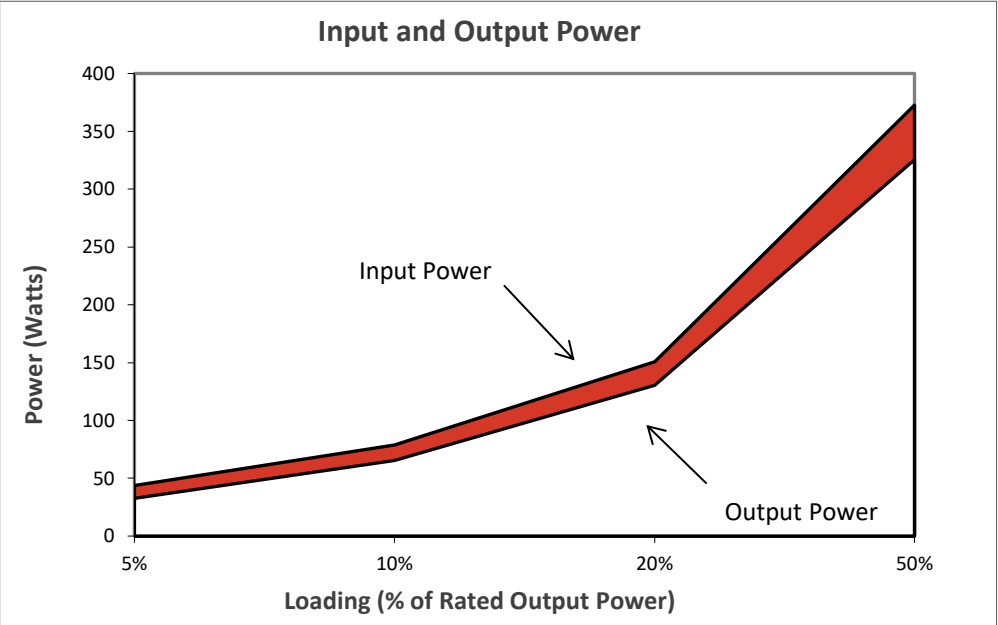
ID Number	7630
Manufacturer	Antec
Model Number	X5000A535XC-24
Serial Number	N/A
Type	ATX12V, EPS12V
Test Date	11/6/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	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.



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		
0.109	0.4866	24.77	0%	6.08	No-Load						
0.398	0.9512	11.29	5%	43.58	12.02/2.29	11.86/0.021	3.36/0.51	5.08/0.51	5.15/0.106	32.63	74.88%
0.698	0.9825	7.42	10%	78.91	12.02/4.58	11.88/0.042	3.35/1.02	5.07/1.02	5.14/0.212	65.25	82.69%
1.321	0.9909	4.85	20%	150.49	12.02/9.16	11.92/0.085	3.34/2.04	5.07/2.04	5.12/0.423	130.43	86.67%
3.247	0.9974	3.50	50%	372.64	12/22.91	12.03/0.212	3.32/5.1	5.04/5.1	5.07/1.059	325.49	87.35%
6.797	0.9988	3.22	100%	780.86	11.98/45.81	12.29/0.423	3.27/10.2	5/10.2	4.97/2.116	648.99	83.11%



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/>