

80 PLUS Verification and Testing Report

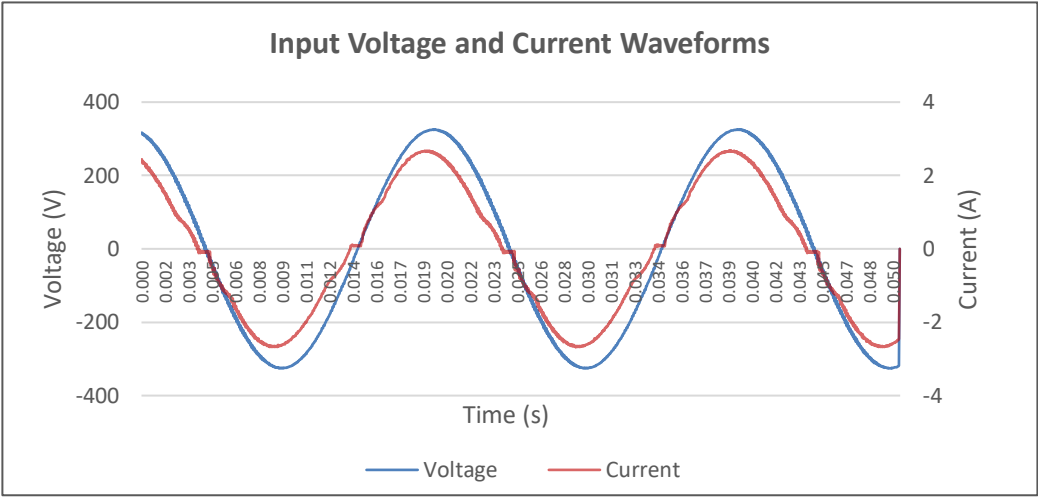
TYPICAL EFFICIENCY (50% Load):	88.80%
AVERAGE EFFICIENCY :	82.68%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1159
Manufacturer	Formula V Technology CO.
Model Number	APMM-700BD
Serial Number	N/A
Type	ATX12V
Test Date	12/18/24

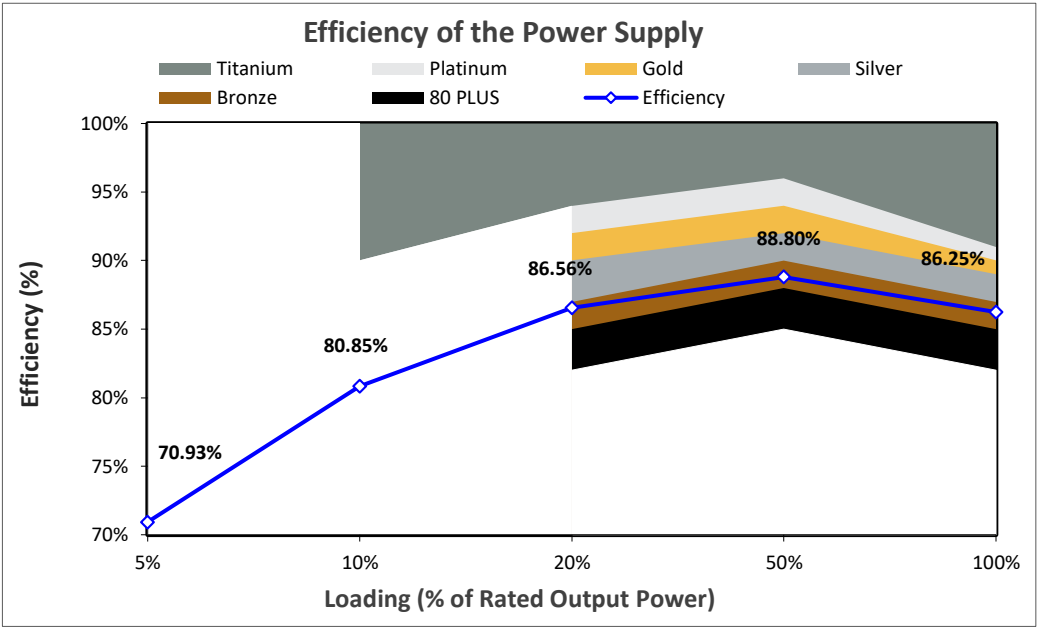
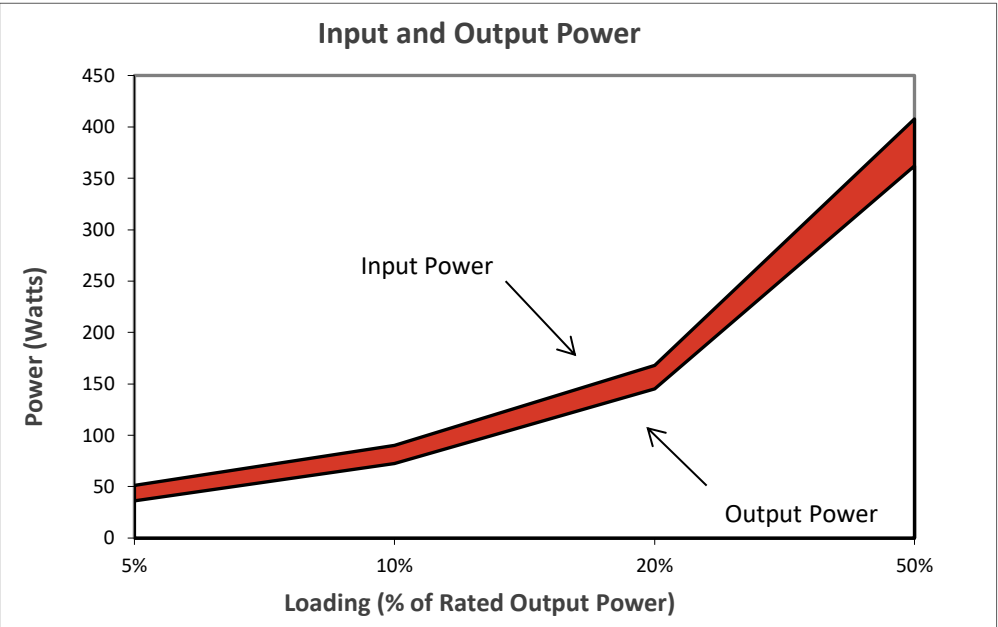
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	4	Amps
Input Frequency	50	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 7.24%, 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	5VSB		
0.094	0.4244	45.69	0%	9.18	No-Load						
0.274	0.8153	37.12	5%	51.28	12.49/2.51	11.83/0.015	3.39/0.5	5.14/0.5	5.13/0.125	36.38	70.93%
0.434	0.9019	23.17	10%	89.94	12.49/5.01	11.8/0.03	3.38/1	5.14/1	5.12/0.25	72.71	80.85%
0.758	0.9621	9.64	20%	167.83	12.48/10.02	11.76/0.06	3.37/2	5.13/2	5.1/0.5	145.27	86.56%
1.792	0.9890	7.24	50%	407.72	12.45/25.04	11.72/0.15	3.34/5	5.09/5	5.06/1.25	362.04	88.80%
3.660	0.9912	9.18	100%	834.32	12.39/50.09	11.69/0.3	3.29/10	5.03/10	4.99/2.498	719.63	86.25%



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/>