

80 PLUS Verification and Testing Report

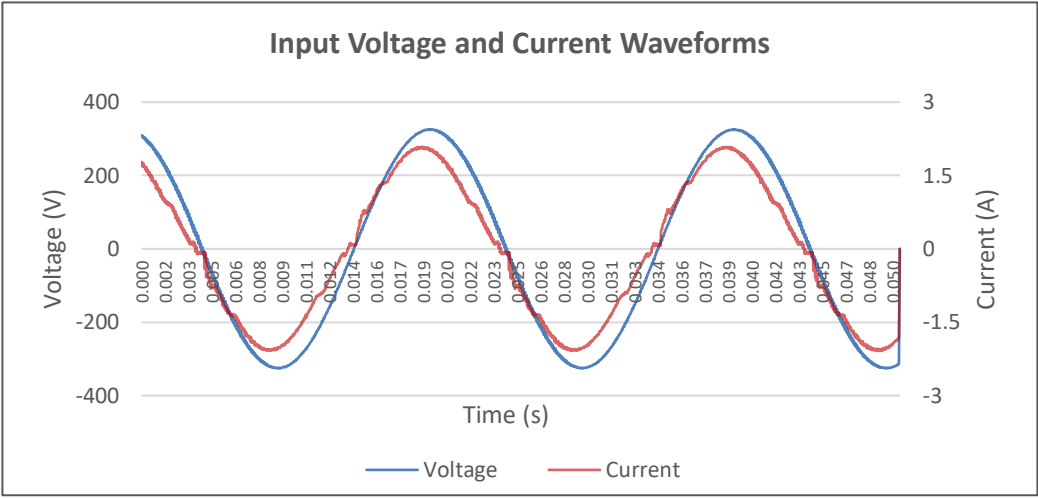
TYPICAL EFFICIENCY (50% Load):	86.46%
AVERAGE EFFICIENCY :	81.15%
80 PLUS COMPLIANT:	Standard



ID Number	EU-1142
Manufacturer	Formula V Technology CO.
Model Number	AP-550MM
Serial Number	N/A
Type	ATX12V
Test Date	11/11/24

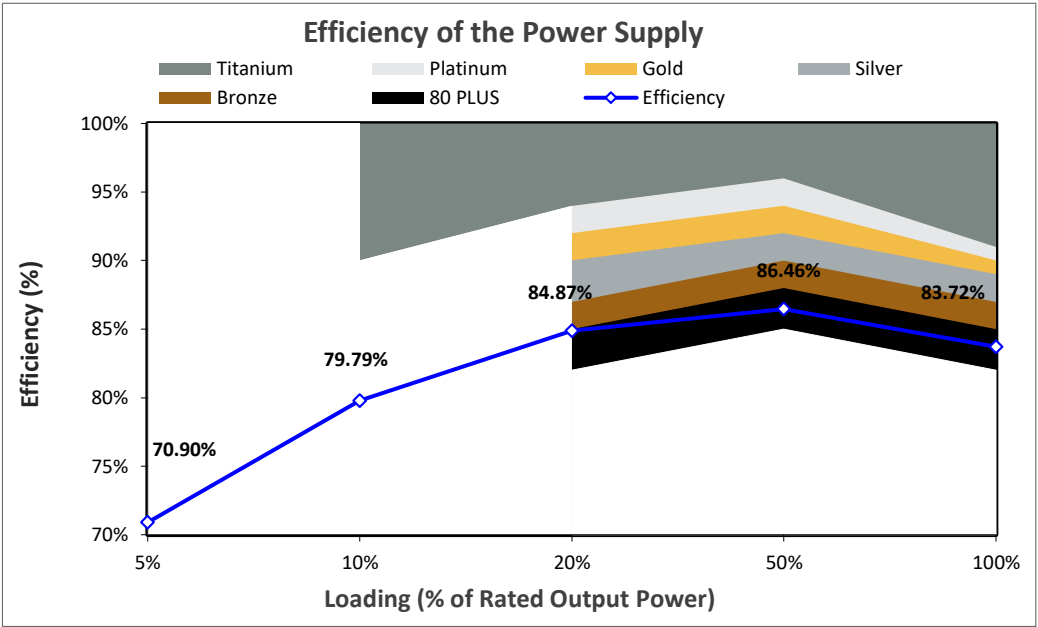
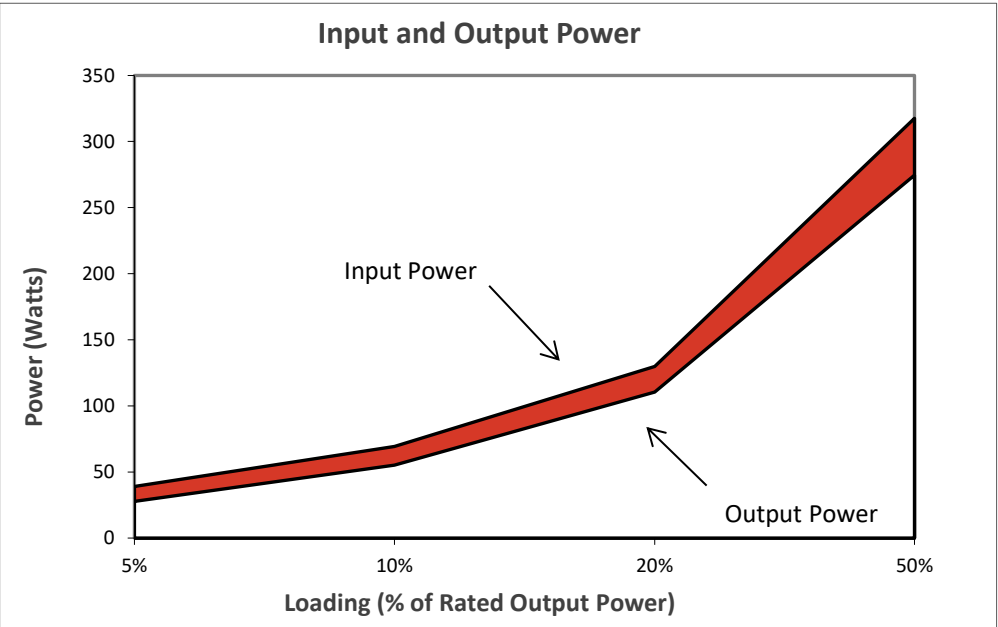
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	4	Amps
Input Frequency	50	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 5.78%, 50% Load)

I <sub>RMS</sub> (A)	PF	I <sub>THD</sub> (%)	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
0.091	0.3775	44.35	0%	7.94	No-Load							
0.222	0.7641	36.23	5%	38.94	11.99/1.95		11.44/0.015	3.4/0.4	5.19/0.4	5.15/0.125	27.61	70.90%
0.348	0.8649	29.43	10%	69.19	11.99/3.9		11.42/0.03	3.39/0.8	5.19/0.8	5.14/0.25	55.21	79.79%
0.599	0.9427	12.62	20%	129.98	11.98/7.79		11.42/0.06	3.39/1.6	5.18/1.6	5.13/0.5	110.31	84.87%
1.402	0.9849	5.78	50%	317.60	11.93/19.49		11.46/0.15	3.38/4	5.17/4	5.09/1.249	274.60	86.46%
2.866	0.9905	8.93	100%	652.96	11.88/38.97		11.56/0.3	3.35/7.99	5.13/7.99	5.02/2.497	546.69	83.72%



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/>