

80 PLUS Verification and Testing Report

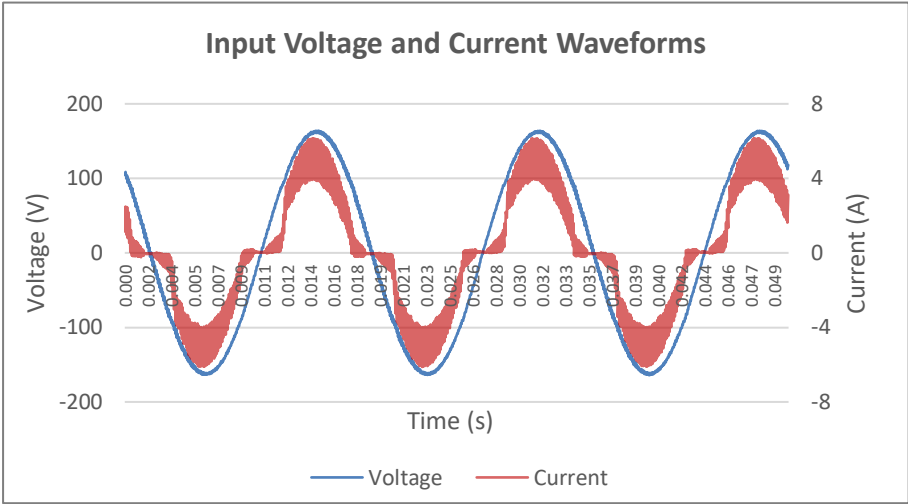
TYPICAL EFFICIENCY (50% Load):	86.62%
AVERAGE EFFICIENCY :	81.75%
80 PLUS COMPLIANT:	Bronze



ID Number	7075.1
Manufacturer	Power Group
Model Number	ATX-600W
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	6/15/23

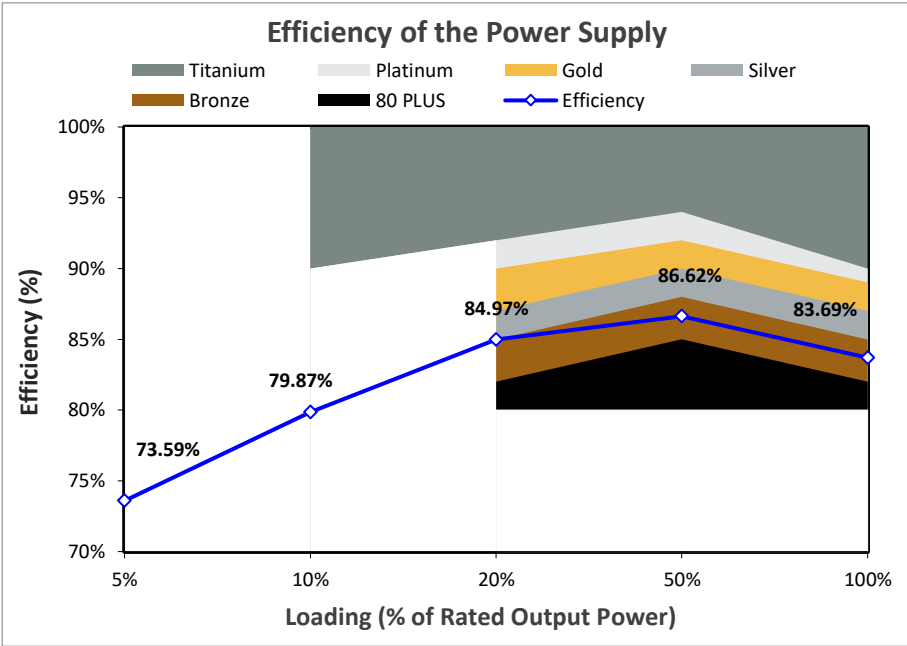
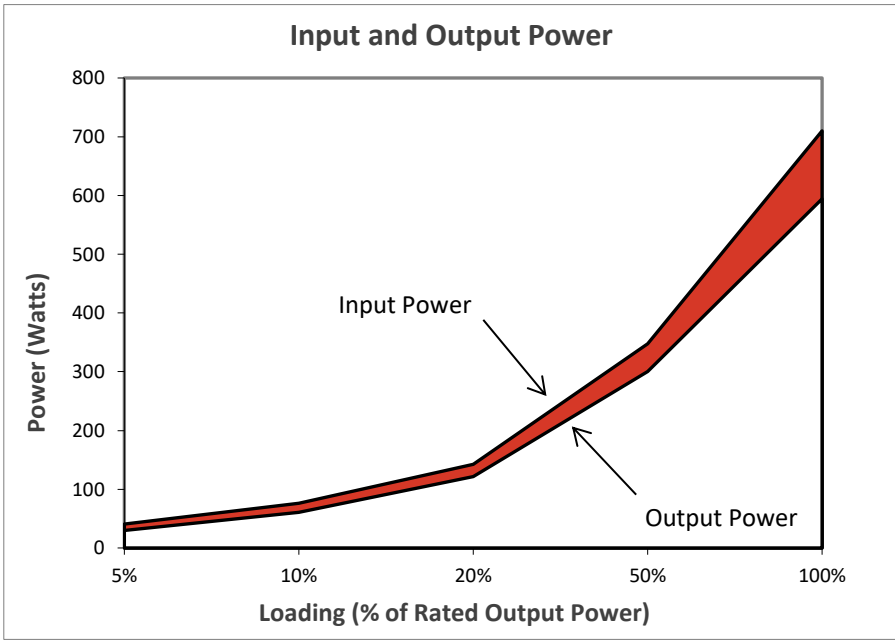
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50/60	Hz
Rated Output Power	600	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 26.81%, 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		
0.105	0.5335	32.71	0%	6.43	No-Load						
0.495	0.7182	21.87	5%	40.84	12.04/2.09	11.7/0.01	3.39/0.5	5.09/0.5	5.17/0.1	30.05	73.59%
0.807	0.8152	26.89	10%	75.65	12.03/4.19	11.69/0.03	3.39/1.01	5.08/1.01	5.16/0.21	60.42	79.87%
1.414	0.8764	37.42	20%	142.43	12.01/8.42	11.7/0.06	3.38/2.02	5.07/2.02	5.15/0.42	121.03	84.97%
3.186	0.9472	26.81	50%	347.15	11.94/21.05	11.73/0.13	3.36/5.04	5.04/5.04	5.09/1.05	300.72	86.62%
6.356	0.9714	18.93	100%	710.01	11.83/42.02	11.83/0.25	3.32/10.07	4.98/10.08	5/2.09	594.23	83.69%



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/>