

80 PLUS Verification and Testing Report

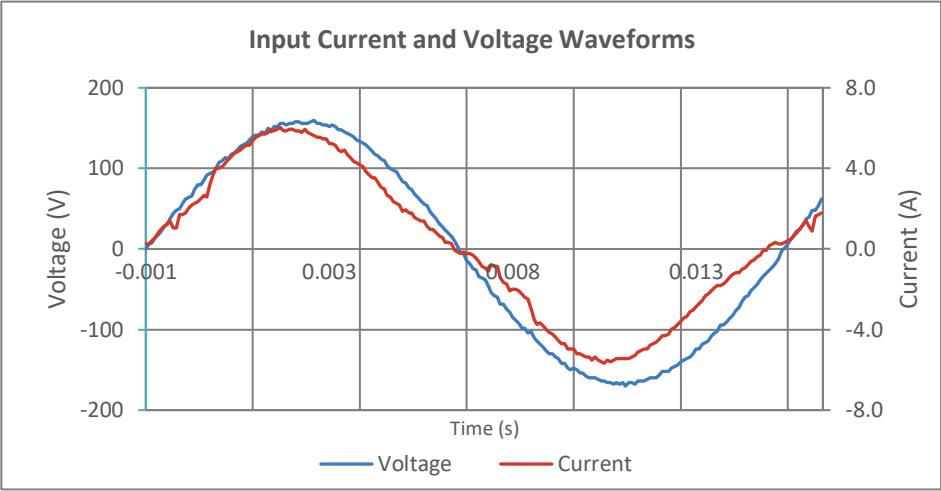
TYPICAL EFFICIENCY (50% Load):	91.24%
AVERAGE EFFICIENCY :	89.03%
80 PLUS COMPLIANT:	Gold



ID Number	6896.1
Manufacturer	Montech
Model Number	TIX0123
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	10/21/22

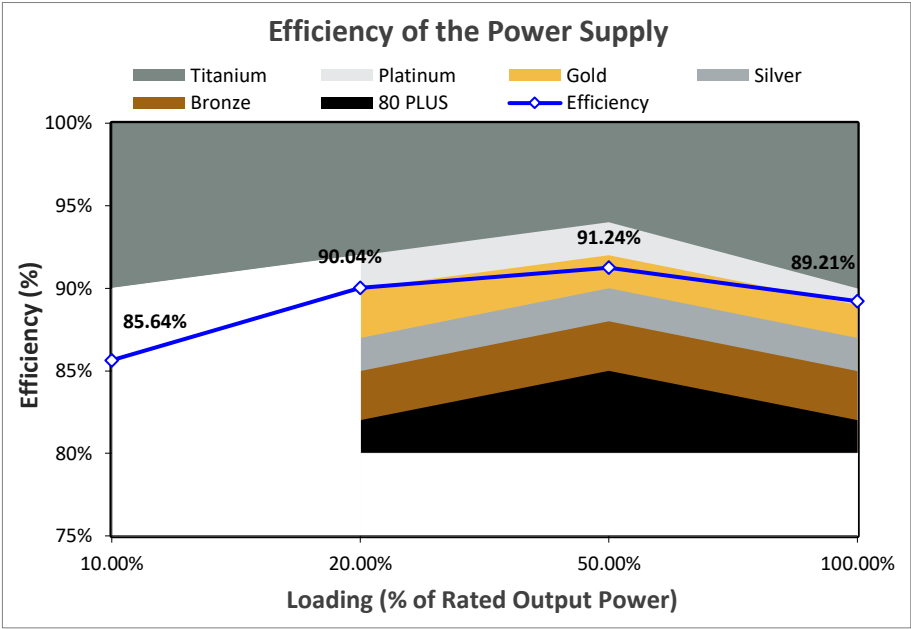
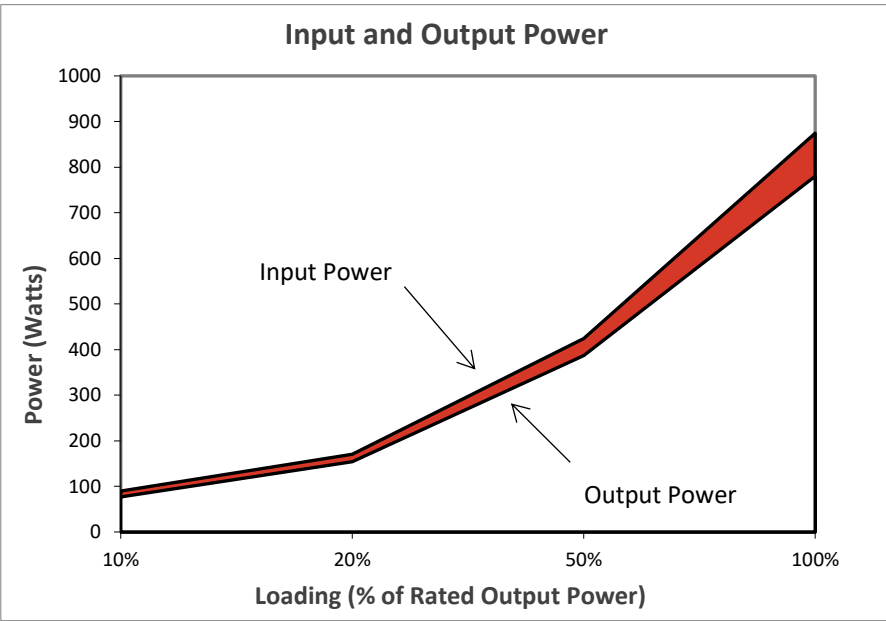
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 13.26%, 50% Load)

I _{RMS}	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		
0.866	0.9014	12.68%	10%	89.81	12.28/5.41	11.87/0.03	3.33/1.05	5.03/1.05	5.13/0.26	76.91	85.64%
1.579	0.9405	11.81%	20%	170.73	12.3/10.8	11.88/0.05	3.33/2.1	5.02/2.1	5.12/0.52	153.72	90.04%
3.770	0.9774	13.26%	50%	423.70	12.37/27.07	11.84/0.13	3.33/5.23	5.02/5.19	5.1/1.3	386.60	91.24%
7.677	0.9902	9.84%	100%	874.30	12.51/54.05	11.88/0.26	3.32/10.47	5.02/10.38	5.05/2.61	779.95	89.21%



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/>