

80 PLUS Verification and Testing Report

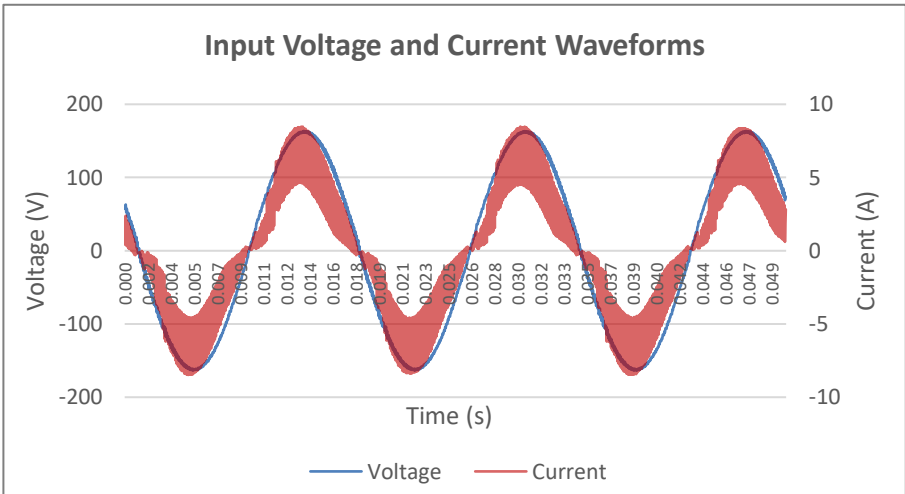
TYPICAL EFFICIENCY (50% Load):	92.50%
AVERAGE EFFICIENCY :	87.95%
80 PLUS COMPLIANT:	Platinum



ID Number	7072.1
Manufacturer	Montech
Model Number	TIX0124
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	6/12/23

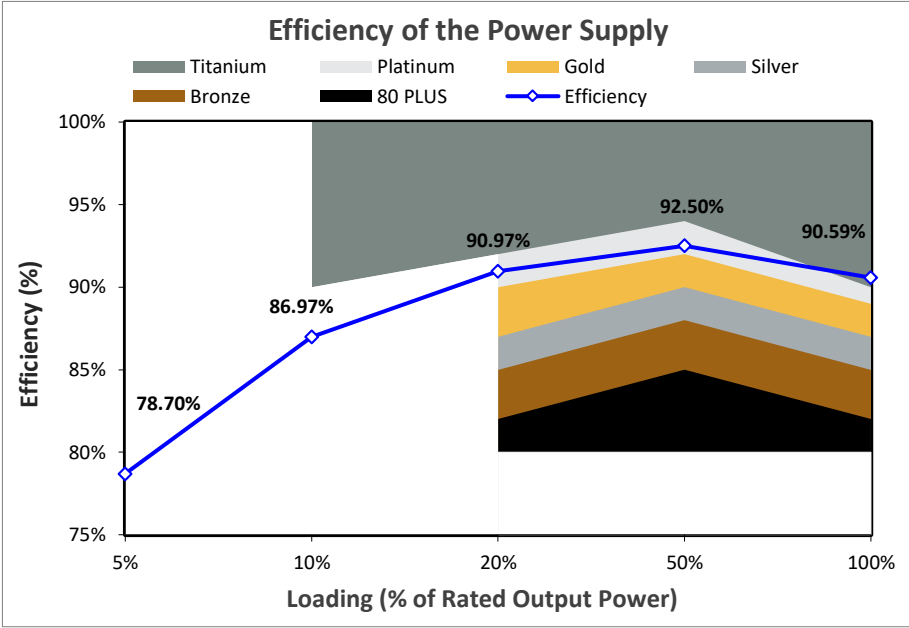
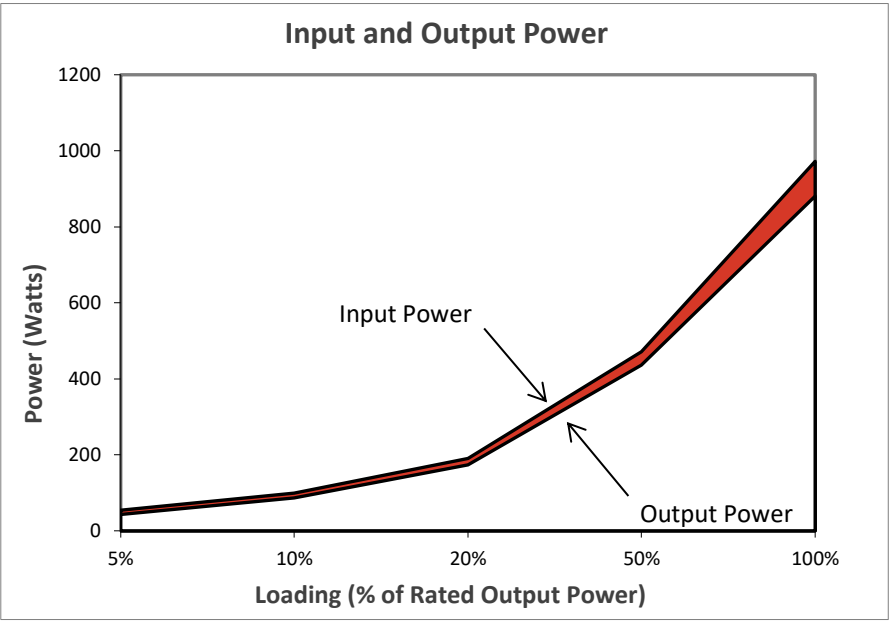
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 15.18%, 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		
0.118	0.2808	29.77	0%	3.81	No-Load						
0.621	0.7640	15.36	5%	54.52	12.2/3.09	11.81/0.01	3.33/0.53	5.02/0.53	5.11/0.13	42.91	78.70%
1.070	0.8101	15.74	10%	99.76	12.23/6.22	11.81/0.03	3.33/1.07	5.02/1.07	5.1/0.27	86.76	86.97%
1.902	0.8713	13.94	20%	190.54	12.26/12.41	11.81/0.06	3.33/2.14	5.02/2.14	5.09/0.53	173.34	90.97%
4.293	0.9546	15.18	50%	471.37	12.3/31.15	11.82/0.13	3.33/5.33	5.02/5.33	5.07/1.33	436.03	92.50%
8.608	0.9822	12.21	100%	972.11	12.45/62.3	11.82/0.27	3.32/10.65	5.02/10.67	5.03/2.66	880.59	90.59%



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/>