

80 PLUS Verification and Testing Report

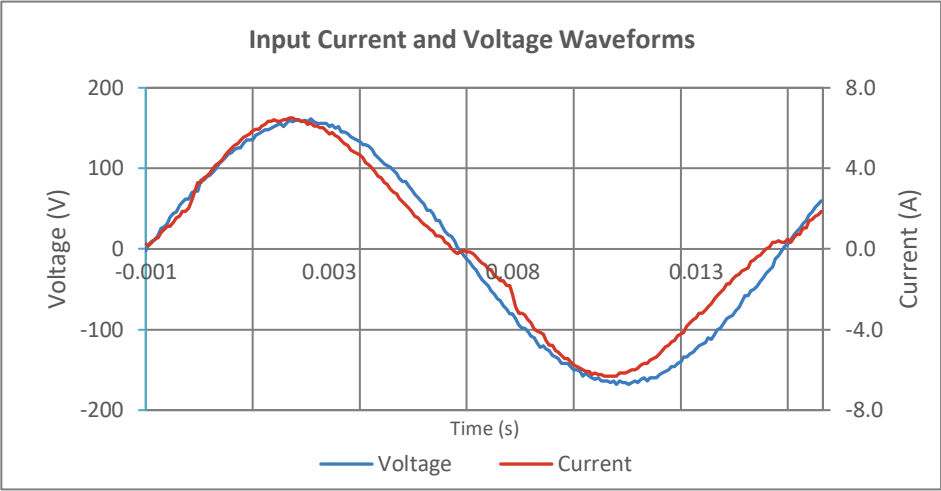
TYPICAL EFFICIENCY (50% Load):	90.46%
AVERAGE EFFICIENCY :	88.16%
80 PLUS COMPLIANT:	Gold



ID Number	6874.1
Manufacturer	Montech
Model Number	TIS0123
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	9/22/22

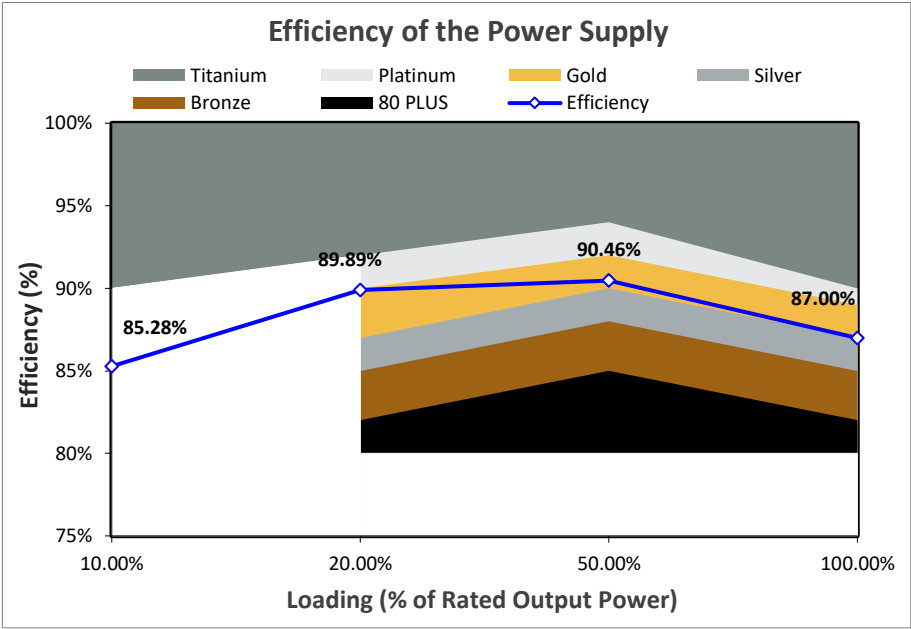
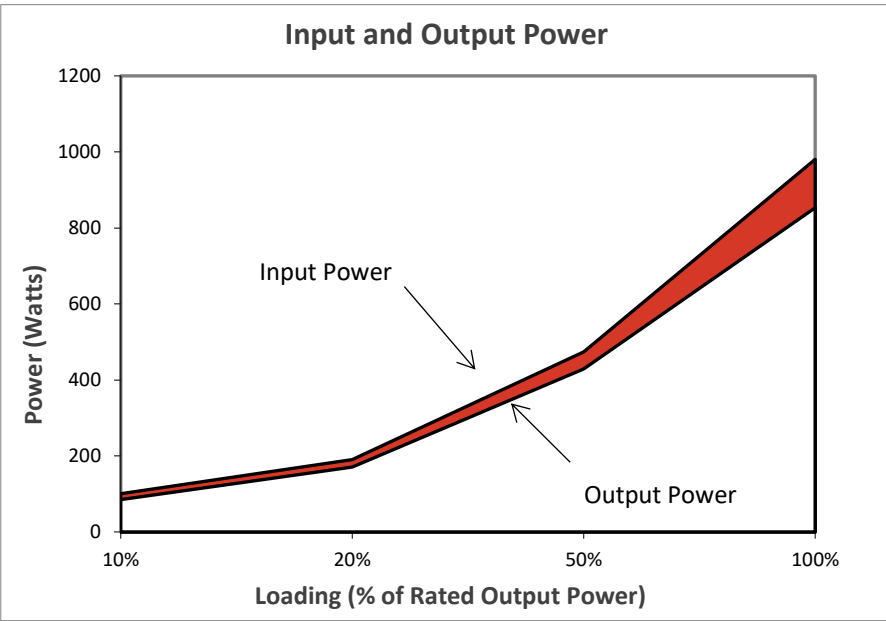
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		10/5	Amps
Input Frequency		50/60	Hz
Rated Output Power		750	Watts

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



Input AC Current Waveform (ITHD = 11.07%, 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		
0.894	0.9784	16.11%	10%	100.57	12.07/6	11.96/0.03	3.3/1.38	5.02/1.38	5.07/0.29	85.76	85.28%
1.677	0.9882	12.89%	20%	190.60	12.07/11.99	11.96/0.06	3.3/2.77	5.02/2.76	5.06/0.57	171.32	89.89%
4.157	0.9909	11.07%	50%	473.50	12.05/30.06	11.97/0.14	3.3/6.91	5.02/6.85	5.12/1.43	428.34	90.46%
8.570	0.9946	8.50%	100%	980.30	12.04/59.89	11.98/0.29	3.3/13.84	5/13.67	5.07/2.87	852.89	87.00%



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/>