

80 PLUS Verification and Testing Report

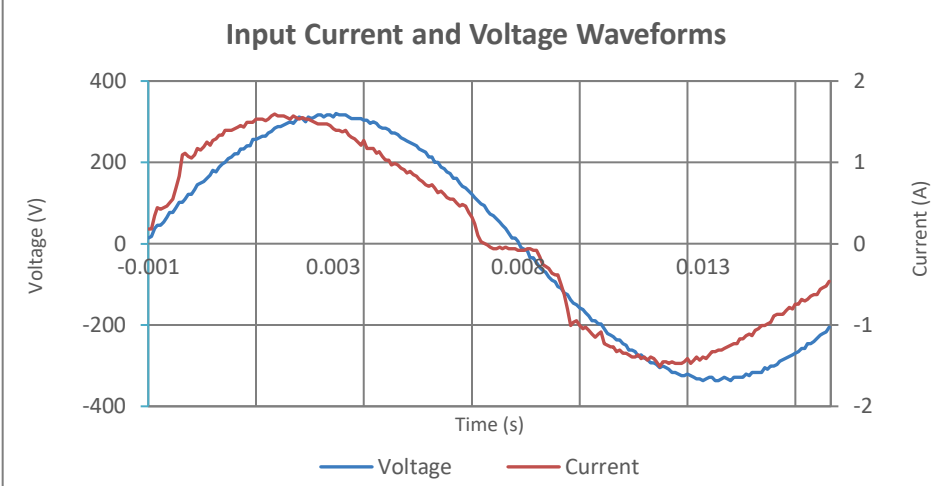
TYPICAL EFFICIENCY (50% Load):	89.71%
AVERAGE EFFICIENCY :	87.10%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-910
Manufacturer	MODECOM
Model Number	MC-B88-400T
Serial Number	N/A
Year	2022
Type	TFX
Test Date	8/3/22

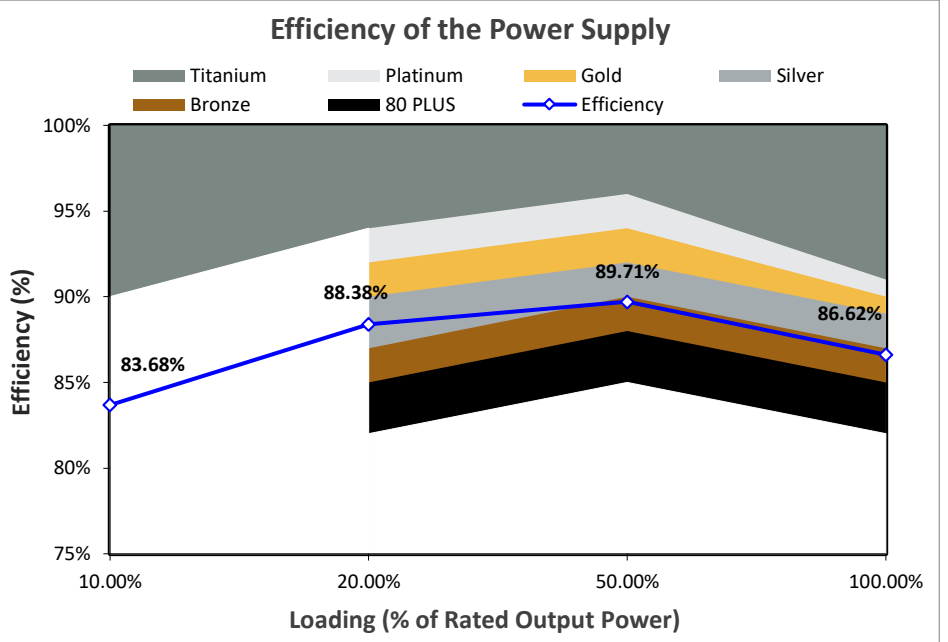
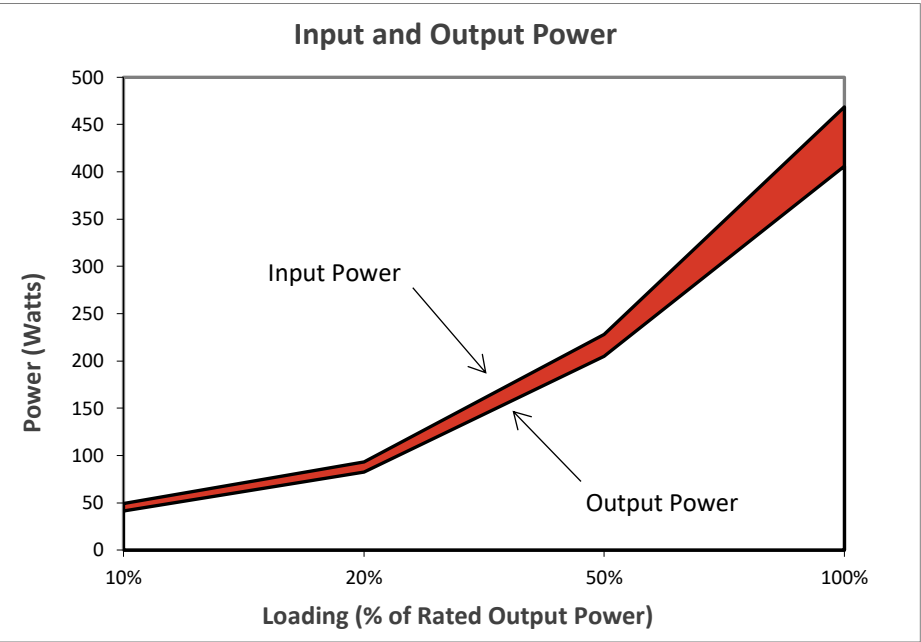
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	N/A	Amps
Input Frequency	50	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 12.06%, 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		
0.272	0.7851	38.26%	10%	49.12	12.36/2.47	11.92/0.03	3.37/1.07	5.09/1.07	41.10	83.68%
0.466	0.8680	30.01%	20%	92.99	12.35/4.93	11.9/0.06	3.36/2.14	5.08/2.14	82.18	88.38%
1.024	0.9688	12.06%	50%	228.20	12.31/12.36	11.95/0.15	3.34/5.34	5.05/5.29	204.72	89.71%
2.066	0.9866	7.56%	100%	468.70	12.24/24.66	12.07/0.29	3.31/10.69	5/10.57	405.99	86.62%



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/>