80 PLUS Verification and Testing Report

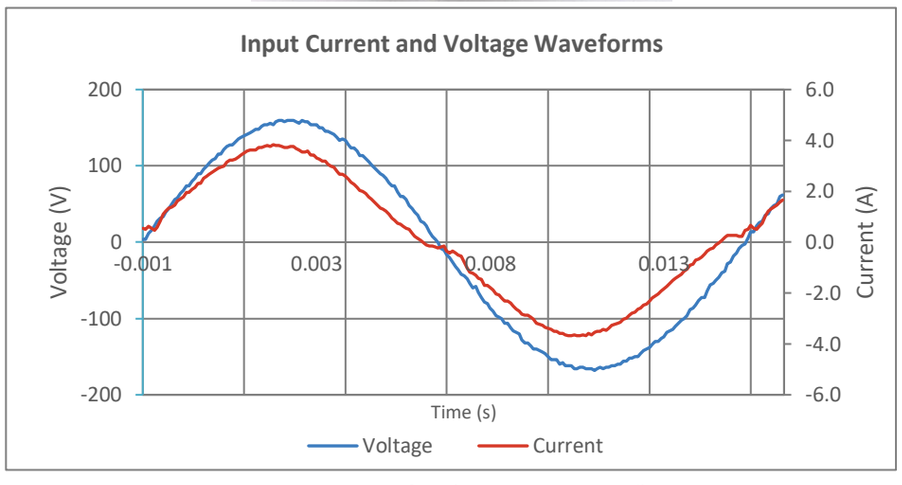
TYPICAL EFFICIENCY (50% Load):	**90.73%**
AVERAGE EFFICIENCY :	**87.94%**
80 PLUS COMPLIANT:	**Gold**



ID Number	6833
Manufacturer	Jiuzhouyangguang Power Supply(Shenzhen)CO., LTD
Model Number	ATX36-500
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	6/17/22

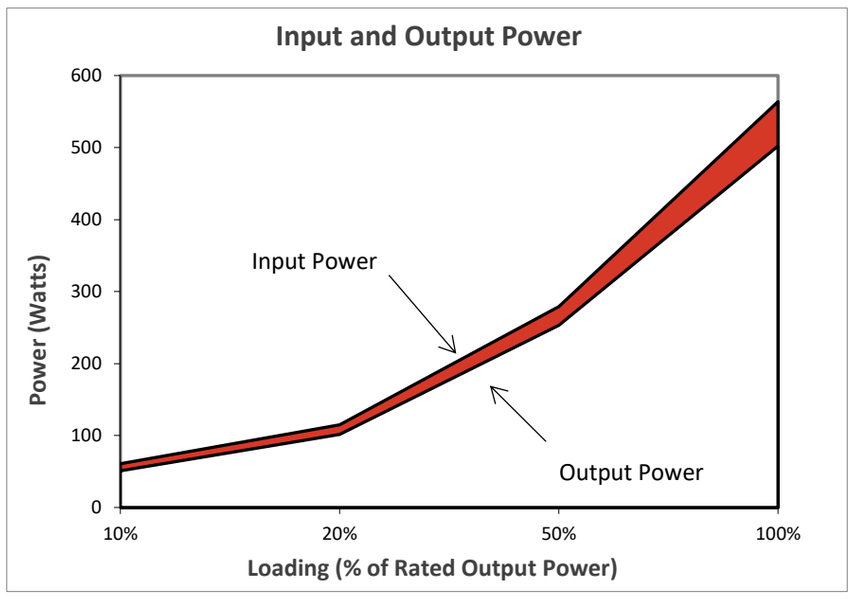
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	10	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	500	**Watts**

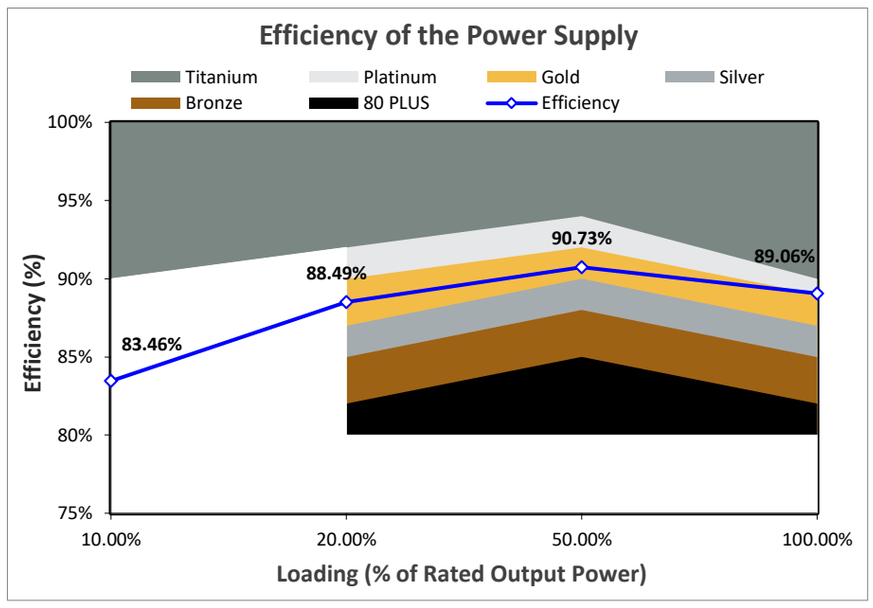
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 10%, 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		
0.571	0.9269	11.03%	10%	**60.89**	12.17/3.38	12.03/0.02	3.37/0.98	5.1/0.98	5.11/0.24	**50.82**	**83.46%**
1.024	0.9764	8.33%	20%	**115.00**	12.16/6.76	12.03/0.05	3.36/1.95	5.08/1.95	5.09/0.49	**101.77**	**88.49%**
2.462	0.9857	10.00%	50%	**279.10**	12.13/16.9	12.05/0.12	3.32/4.88	5.05/4.83	5.06/1.21	**253.24**	**90.73%**
4.944	0.9919	9.47%	100%	**563.70**	12.1/33.67	12.09/0.24	3.26/9.76	4.98/9.65	4.99/2.43	**502.02**	**89.06%**





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/*