

# 80 PLUS Verification and Testing Report

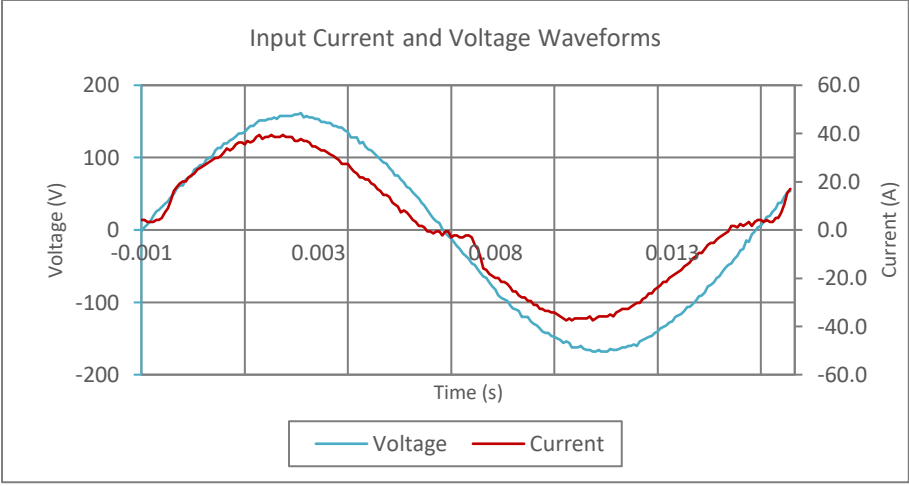
TYPICAL EFFICIENCY (50% Load):	87.95%
AVERAGE EFFICIENCY :	86.49%
80 PLUS COMPLIANT:	YES



ID Number	6063
Manufacturer	Shenzhen Jiumeng Electronics Technology Co.,Ltd.
Model Number	AGV500
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	8/17/20

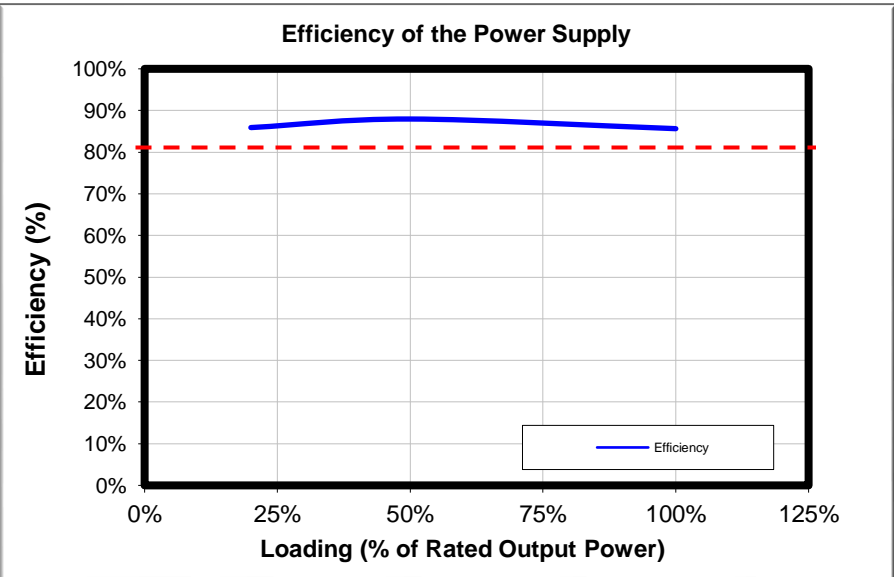
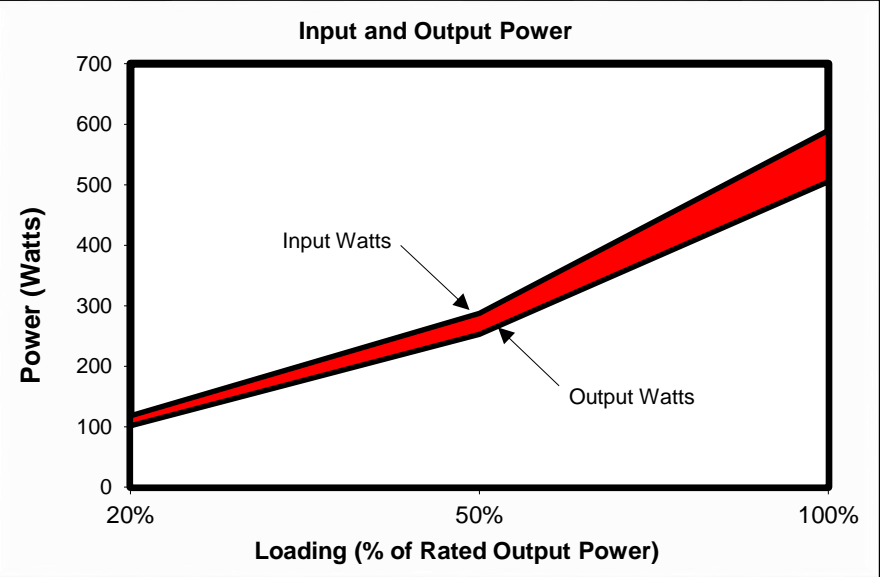
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 11.84%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.56	0.96	21.47%	10%	62.26	12.06/3.35	11.73/0.03	3.35/1.02	5.21/1.02	5.12/0.22	50.57	81.23%
1.07	0.96	21.24%	20%	117.91	12.07/6.71	11.76/0.05	3.34/2.04	5.2/2.03	5.12/0.45	101.28	85.90%
2.54	0.98	11.84%	50%	287.60	12.07/16.78	11.82/0.13	3.34/5.1	5.19/5.06	5.1/1.11	252.94	87.95%
5.16	0.99	6.15%	100%	589.60	12.05/33.55	11.92/0.27	3.32/10.22	5.16/10.1	5.06/2.23	504.92	85.64%



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/>

