

80 PLUS Verification and Testing Report

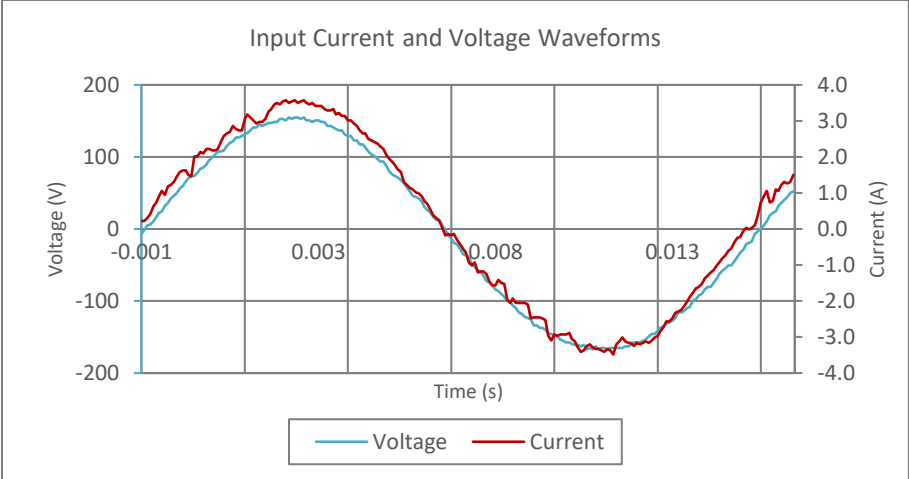
TYPICAL EFFICIENCY (50% Load):	92.12%
AVERAGE EFFICIENCY :	91.12%
80 PLUS COMPLIANT:	YES



ID Number	5677
Manufacturer	Chicony Power Technology Co., Ltd.
Model Number	D19-500P1A
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	9/30/19

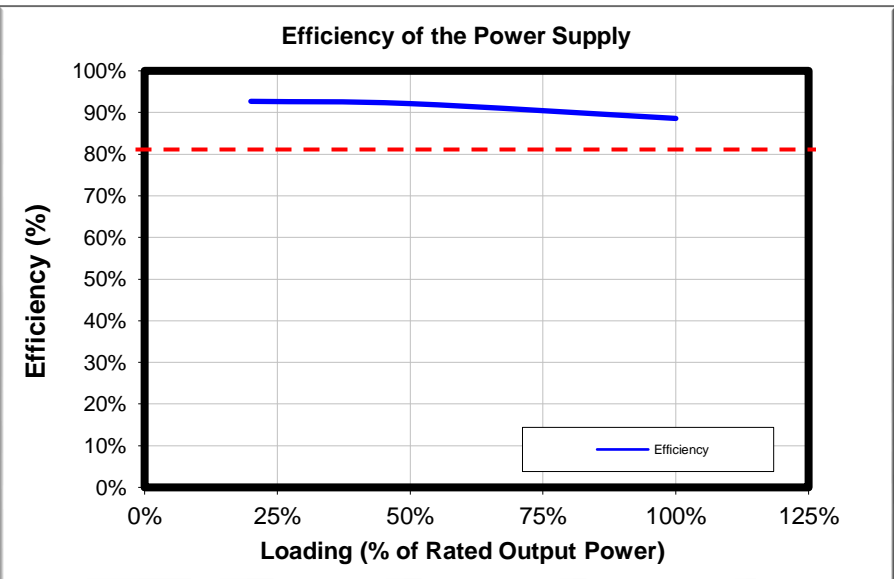
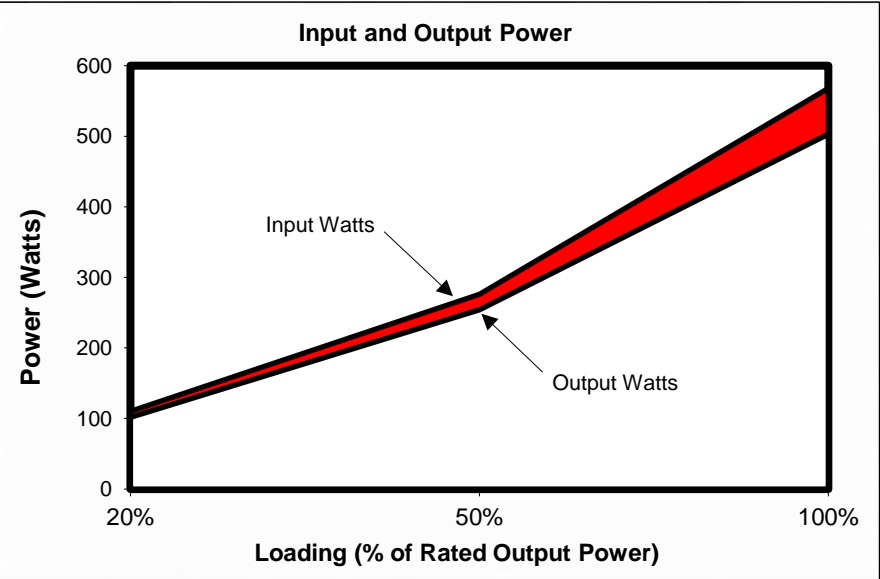
Rated Specifications	Value	Units
Input Voltage	100-127 / 220-240	Volts
Input Current	8/4	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 4.85%, 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.)		
0.54	0.95	12.48%	10%	56.04	12.22/4.19	51.25	91.45%
0.98	0.98	8.32%	20%	110.06	12.2/8.36	102.00	92.67%
2.41	1.00	4.85%	50%	275.80	12.14/20.93	254.08	92.12%
4.95	1.00	4.14%	100%	567.80	12.02/41.84	502.92	88.57%



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/>

