

80 PLUS Verification and Testing Report

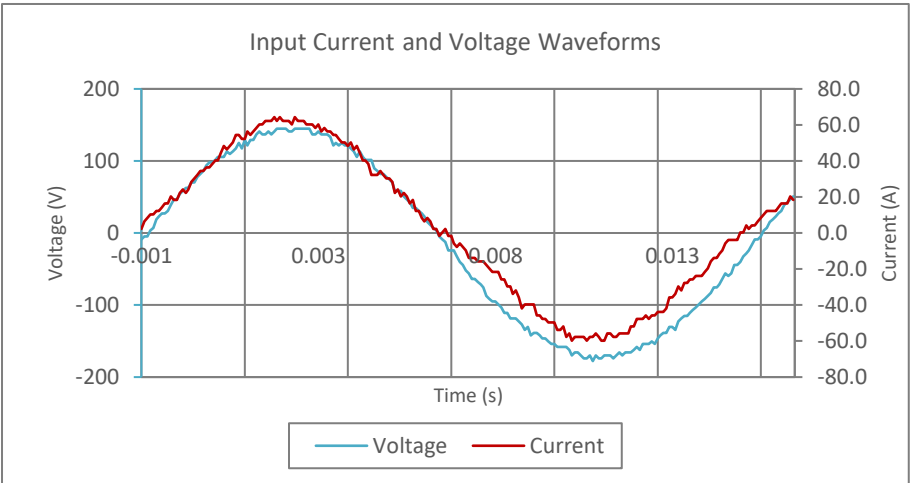
TYPICAL EFFICIENCY (50% Load):	93.06%
AVERAGE EFFICIENCY :	91.83%
80 PLUS COMPLIANT:	YES



ID Number	5494
Manufacturer	Channel Well
Model Number	CST850L-P
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	2/13/19

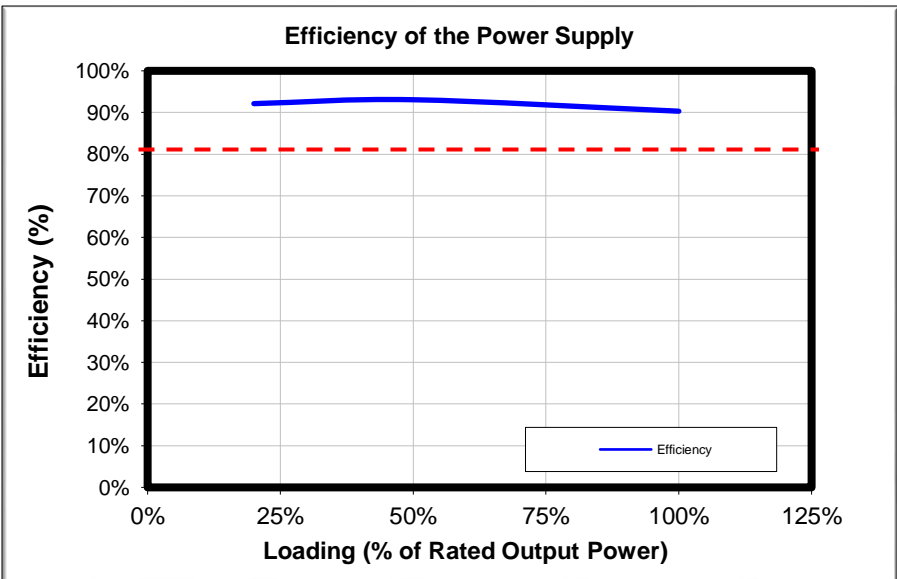
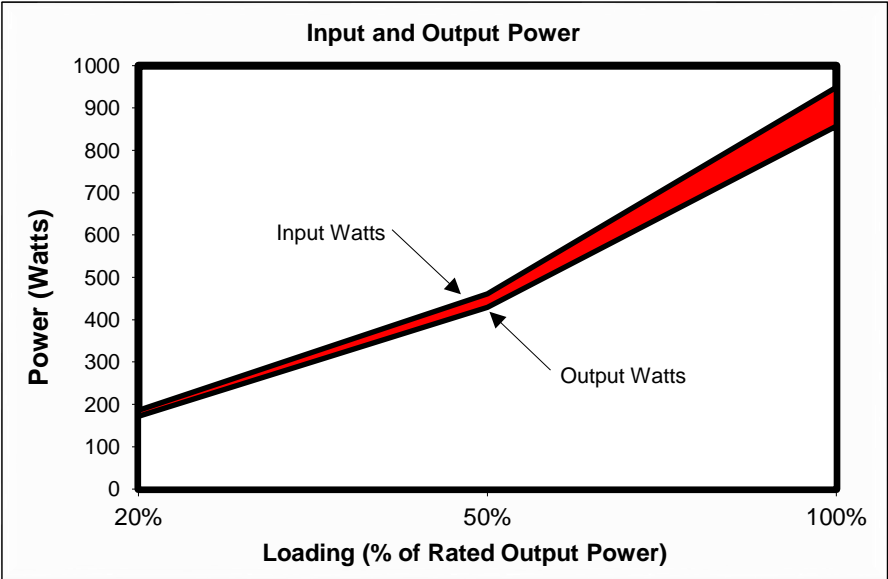
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 6.97%, 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		
0.97	0.87	13.48%	10%	96.65	12.07/6.23	12.2/0.03	3.32/1.06	5.08/1.06	5.08/0.26	85.85	88.82%
1.70	0.95	10.30%	20%	186.18	12.07/12.47	12.21/0.05	3.32/2.11	5.08/2.1	5.07/0.53	171.51	92.12%
4.04	0.99	6.97%	50%	461.10	12.08/31.18	12.23/0.13	3.33/5.29	5.08/5.25	5.06/1.32	429.11	93.06%
8.38	0.98	7.09%	100%	949.00	12.07/62.33	12.29/0.26	3.35/10.58	5.07/10.47	5.04/2.63	857.04	90.31%



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/>

