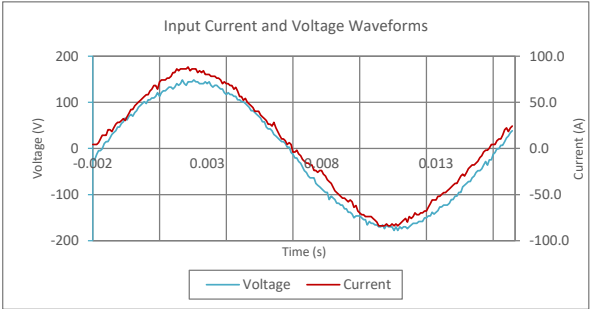


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.36%
AVERAGE EFFICIENCY :	91.23%
80 PLUS COMPLIANT:	YES



ID Number	5944
Manufacturer	Channel Well
Model Number	CST1200L-P
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	4/17/20

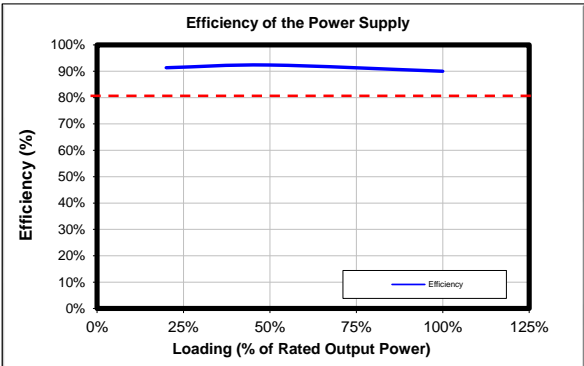
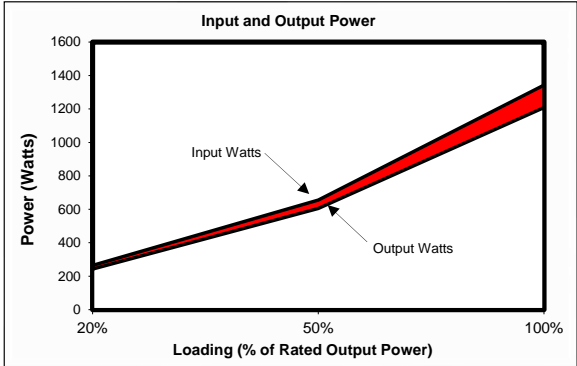


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7	Amps
Input Frequency	47-63	Hz
Rated Output Power	1200	Watts

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

Input AC Current Waveform (ITHD = 6.28%, 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		
1.22	0.98	10.11%	10%	138.10	12.05/8.93	12.23/0.03	3.31/1.39	5.07/1.39	5.07/0.27	120.97	87.60%
2.32	0.99	8.13%	20%	265.20	12.05/17.89	12.23/0.05	3.31/2.79	5.07/2.77	5.06/0.53	242.23	91.34%
5.72	1.00	6.28%	50%	655.60	12.07/44.67	12.25/0.13	3.3/6.97	5.07/6.91	5.05/1.33	605.54	92.36%
11.71	1.00	5.08%	100%	1342.50	12.09/88.93	12.29/0.27	3.36/13.96	5.06/13.8	5.03/2.67	1208.28	90.00%



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/>

