

80 PLUS Verification and Testing Report

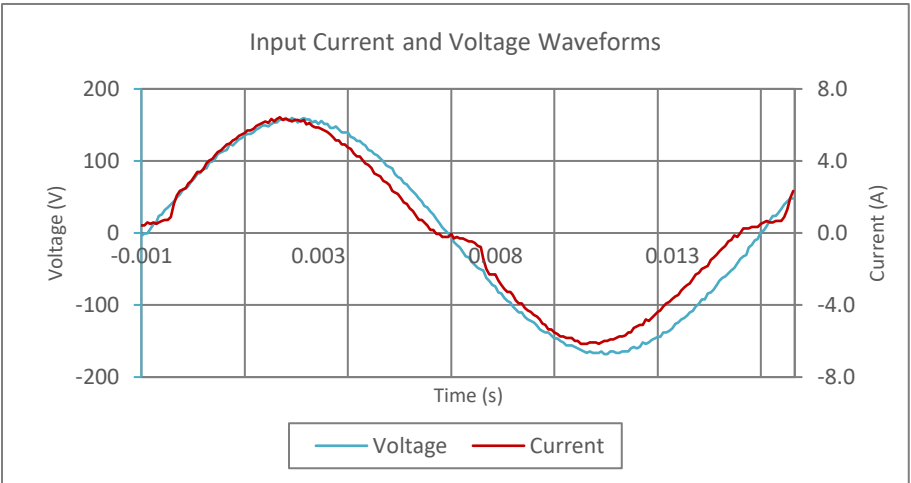
TYPICAL EFFICIENCY (50% Load):	92.18%
AVERAGE EFFICIENCY :	90.85%
80 PLUS COMPLIANT:	YES



ID Number	6519.2
Manufacturer	CSL Computer GmbH
Model Number	PB850P
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	3/25/21

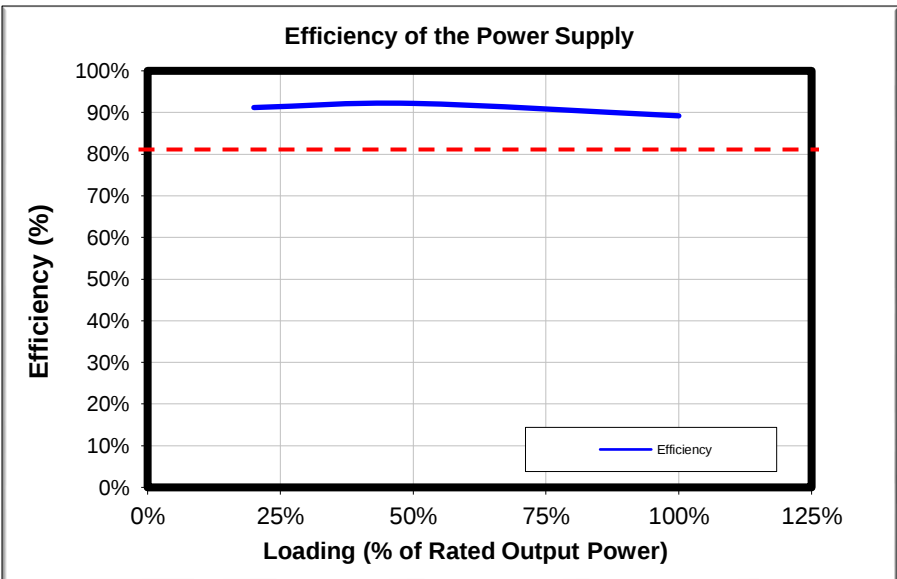
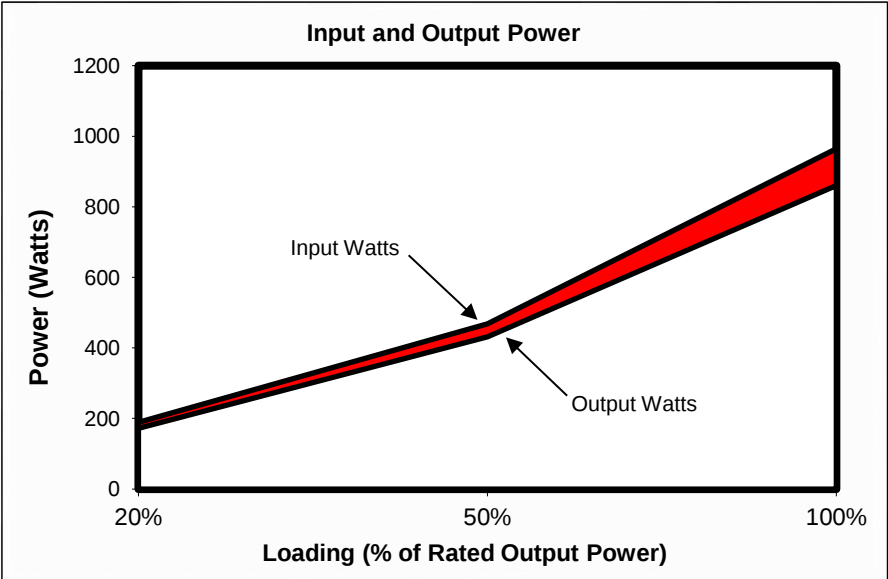
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 11.73%, 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		
0.88	0.97	14.89%	10%	97.77	12.14/6.03	12.03/0.07	3.37/1.33	5.09/1.33	5.06/0.25	86.50	88.47%
1.68	0.98	15.88%	20%	189.45	12.13/12.05	12.03/0.14	3.37/2.65	5.09/2.63	5.04/0.51	172.75	91.18%
4.11	0.99	11.73%	50%	467.90	12.13/30.09	12.03/0.34	3.36/6.63	5.08/6.57	5.01/1.27	431.33	92.18%
8.44	0.99	8.53%	100%	964.60	12.12/60.11	12.05/0.68	3.35/13.28	5.07/13.13	4.94/2.54	860.38	89.20%



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/>