

80 PLUS Verification and Testing Report

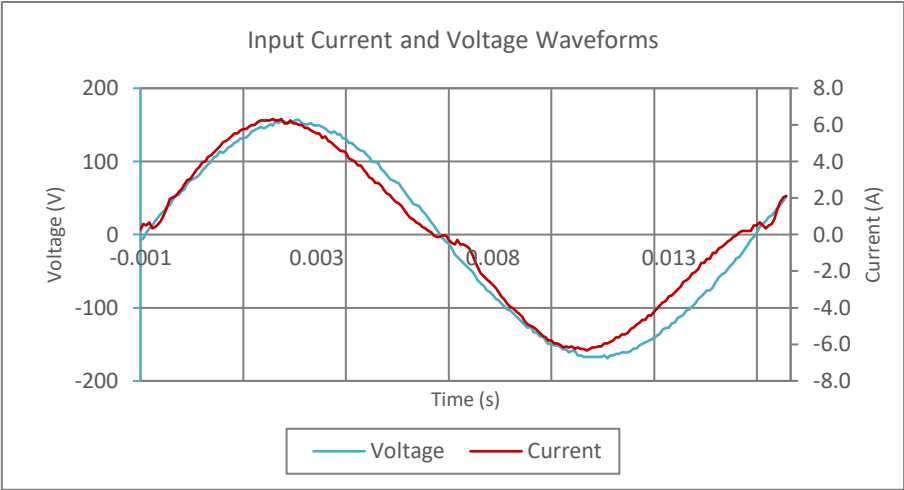
TYPICAL EFFICIENCY (50% Load):	91.47%
AVERAGE EFFICIENCY :	90.38%
80 PLUS COMPLIANT:	YES



ID Number	5639.2
Manufacturer	ADATA
Model Number	COREREACTORI850G
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	9/5/19

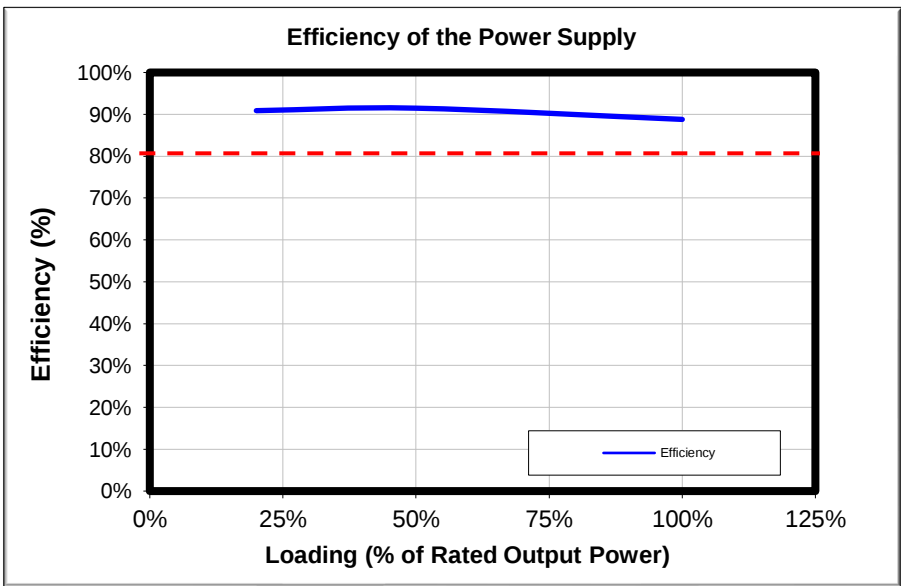
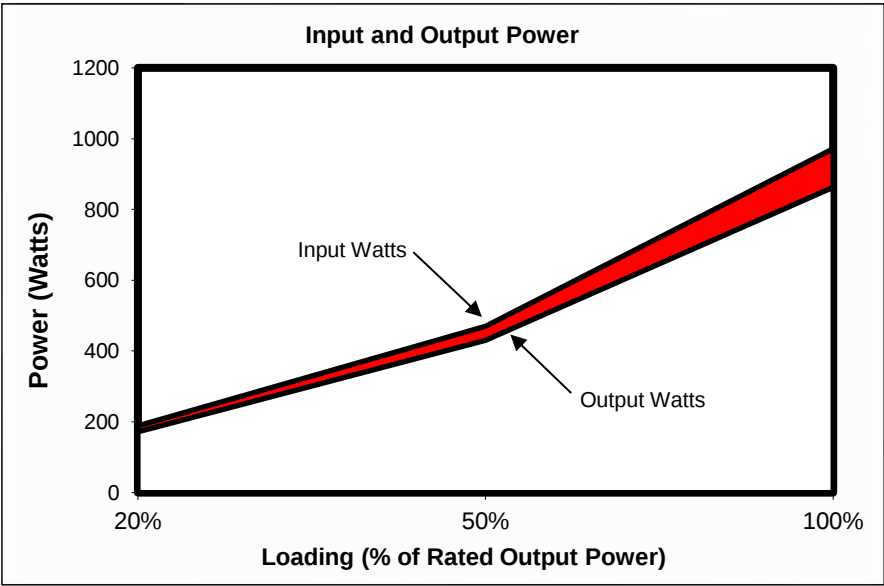
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 10.9%, 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		
0.89	0.98	11.34%	10%	99.79	12.16/6.1	12.02/0.03	3.32/1.24	5.05/1.24	5.04/0.26	86.17	86.35%
1.66	0.99	10.84%	20%	188.78	12.09/12.2	12.02/0.05	3.32/2.49	5.05/2.48	5.04/0.52	171.57	90.88%
4.13	0.99	10.90%	50%	469.70	12.09/30.59	11.99/0.13	3.31/6.22	5.04/6.17	5.03/1.29	429.65	91.47%
8.50	0.99	8.29%	100%	971.50	12.17/61.12	11.95/0.26	3.29/12.46	5.03/12.32	4.99/2.58	862.60	88.79%



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/>