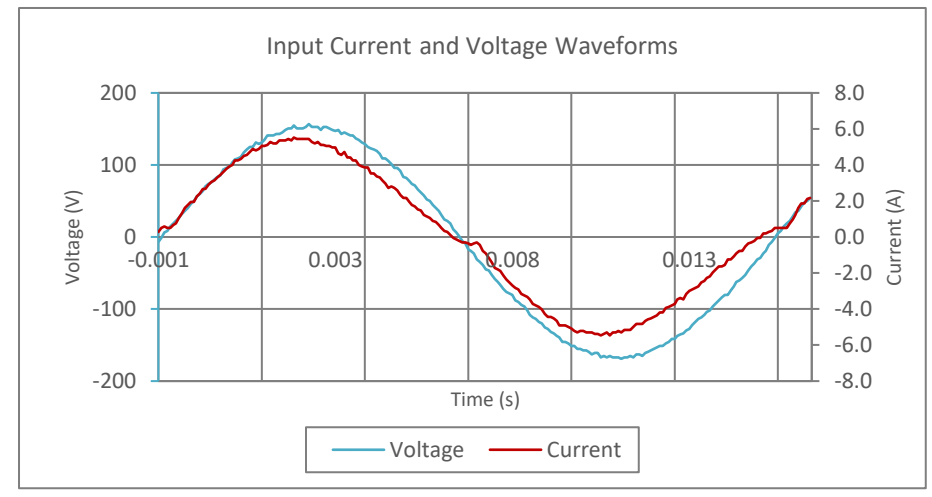
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**91.19%**
AVERAGE EFFICIENCY :	**89.96%**
80 PLUS COMPLIANT:	**YES**

ID Number	5638
Manufacturer	ADATA
Model Number	COREREACTOR750G
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	9/5/19

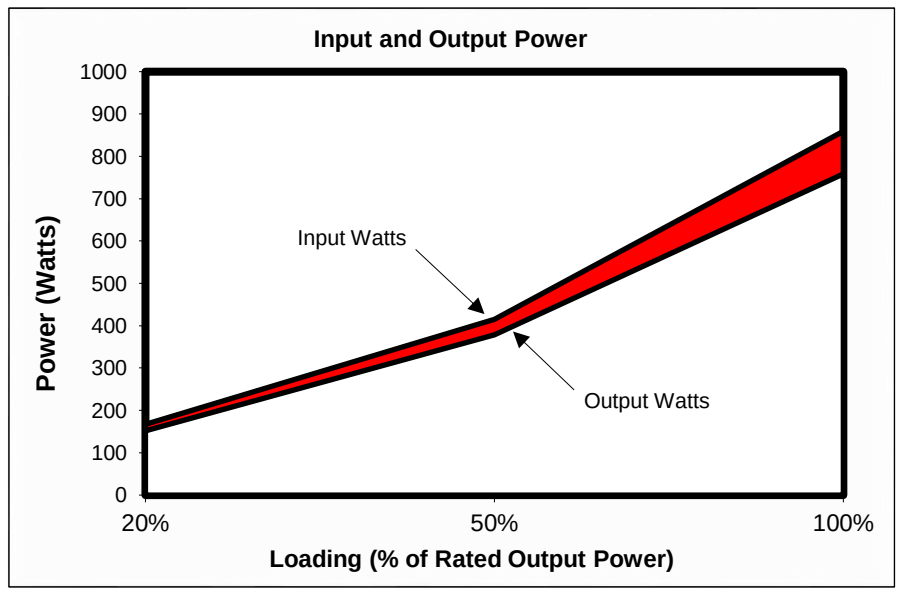
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	**750**	**Watts**

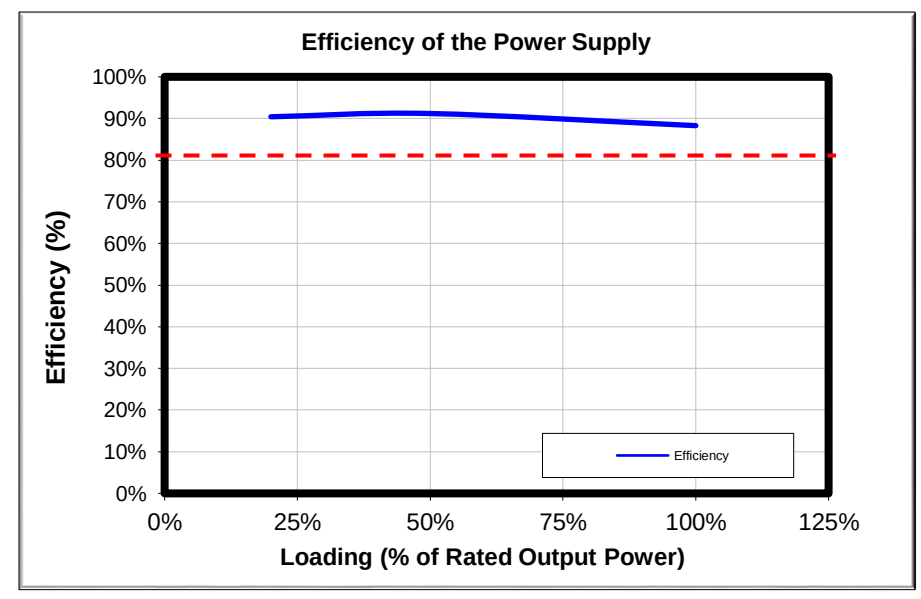
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 8.22%, 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		
0.79	0.97	10.01%	10%	88.37	12.15/5.28	11.99/0.03	3.33/1.22	5.07/1.22	5.07/0.25	76.08	**86.09%**
1.47	0.99	8.73%	20%	167.40	12.06/10.59	11.98/0.05	3.33/2.44	5.07/2.43	5.07/0.51	151.35	**90.41%**
3.64	0.99	8.22%	50%	414.50	12.04/26.49	11.95/0.13	3.32/6.11	5.06/6.05	5.05/1.27	377.99	**91.19%**
7.51	1.00	7.05%	100%	859.20	12.11/52.97	11.92/0.25	3.32/12.21	5.04/12.08	5.01/2.53	758.51	**88.28%**





PLUG LOAD solutions

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/*

80 PLUS®