

80 PLUS Verification and Testing Report

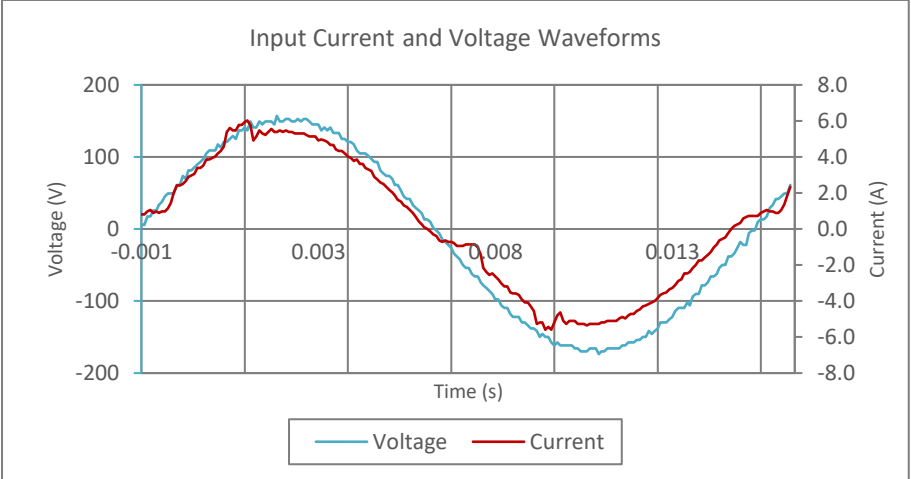
TYPICAL EFFICIENCY (50% Load):	88.06%
AVERAGE EFFICIENCY :	86.52%
80 PLUS COMPLIANT:	YES



ID Number	6369
Manufacturer	Corsair
Model Number	RPS0146 (CP-9020237) (CV750)
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/1/21

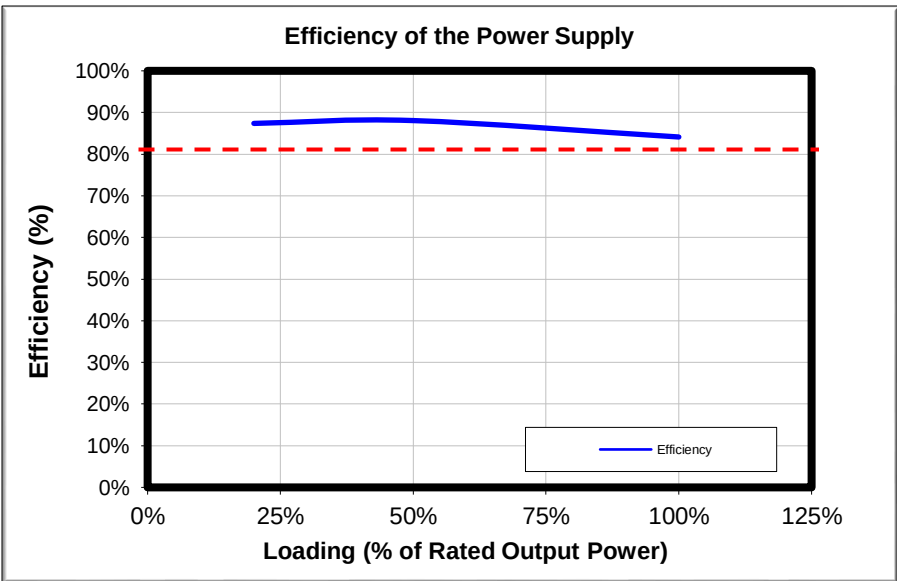
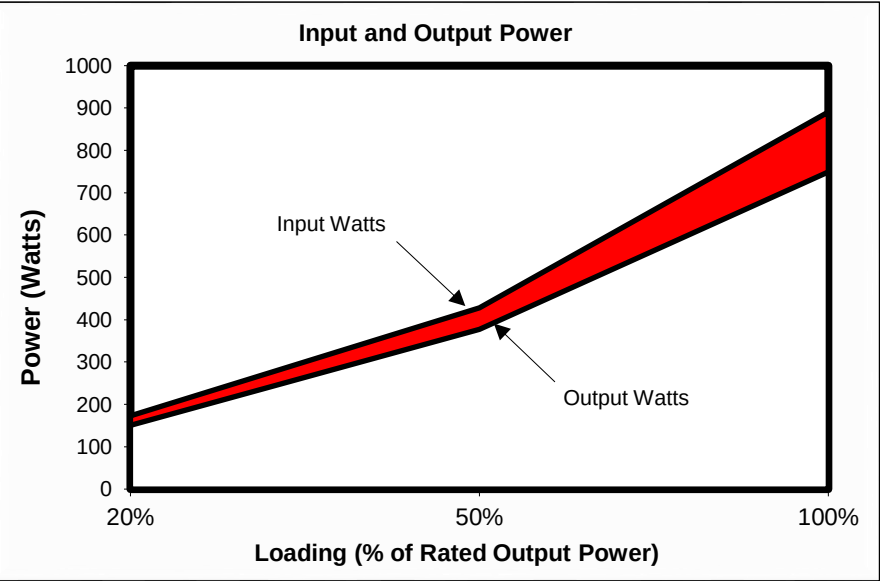
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 9.71%, 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		
0.82	0.97	25.26%	10%	91.00	12.1/5.23	11.99/0.03	3.35/1.46	5.09/1.22	5.09/0.25	75.99	83.51%
1.53	0.98	17.31%	20%	172.80	12.02/10.46	11.94/0.05	3.34/2.93	5.08/2.43	5.09/0.5	150.98	87.37%
3.75	0.99	9.71%	50%	428.30	12.02/26.15	12.01/0.13	3.32/7.32	5.03/6.05	5.05/1.26	377.16	88.06%
7.76	1.00	5.34%	100%	890.50	11.98/52.19	12.06/0.25	3.29/14.63	4.97/12.07	5.01/2.52	749.05	84.12%



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/>