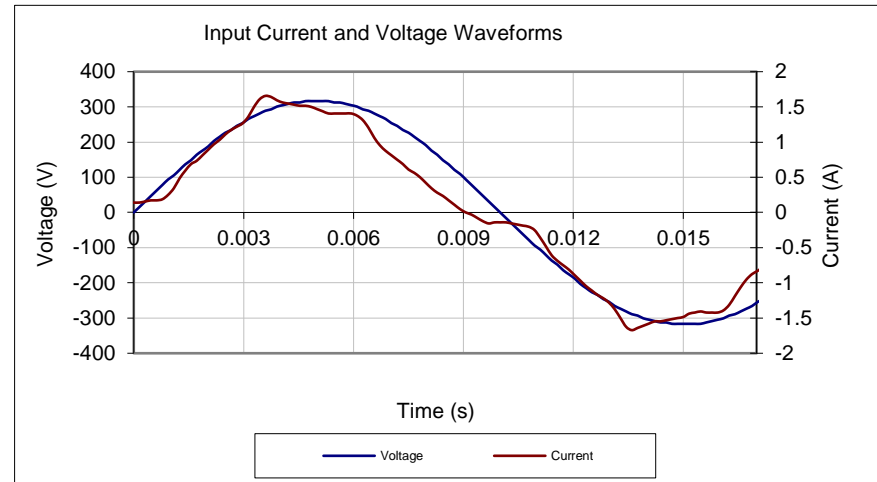


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.04%
AVERAGE EFFICIENCY :	85.26%
80 PLUS COMPLIANT:	YES



ID #	EU-153.1
Manufacturer	DeepCool
Model Number	PF400D-HA
Serial Number	N/A
Year	2015
Type	ATX12V
Test Date	8/24/15

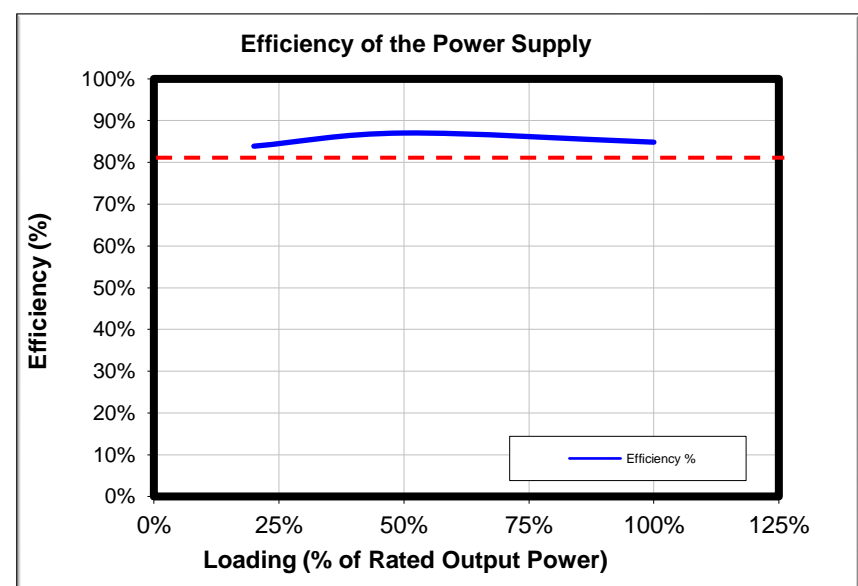
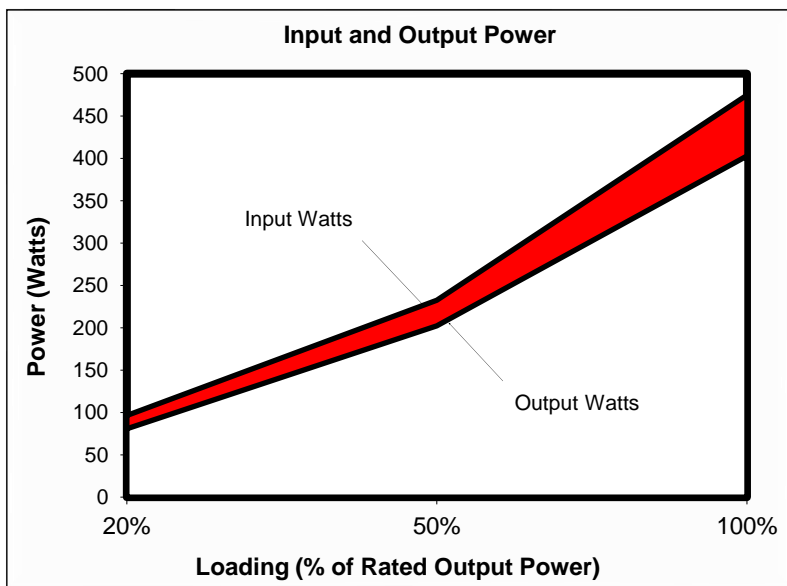


Input AC Current Waveform (ITHD = 18.07%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	3	Amps
Input Frequency	47-63	Hz
Rated Output Power	400	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

I _{RMS} A	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		
0.26	0.87	31.09%	10%	52.46	12.05/2.53	11.68/0.03	3.41/1.05	5.13/0.99	5.07/0.21	40.52	77.25%
0.45	0.94	24.70%	20%	96.49	12.06/5.06	11.73/0.05	3.4/2.1	5.11/1.97	5.06/0.42	80.94	83.88%
1.04	0.97	18.07%	50%	232.21	12.07/12.65	11.84/0.13	3.37/5.25	5.08/4.9	5.03/1.05	202.11	87.04%
2.09	0.99	12.07%	100%	474.70	12.08/25.27	12.09/0.25	3.33/10.47	5.02/9.8	4.98/2.1	402.77	84.85%



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/>