

80 PLUS Verification and Testing Report

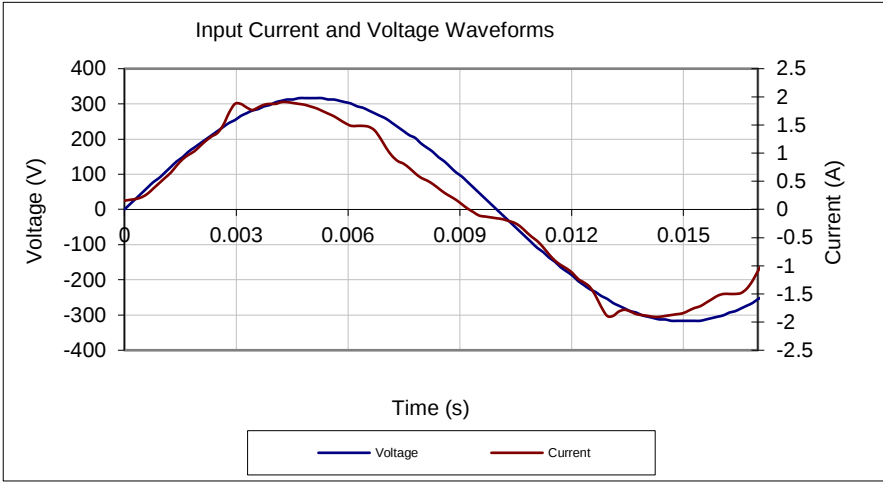
TYPICAL EFFICIENCY (50% Load):	86.90%
AVERAGE EFFICIENCY :	85.01%
80 PLUS COMPLIANT:	YES



ID #	EU-149.1
Manufacturer	DeepCool
Model Number	PF500D-HA
Serial Number	N/A
Year	2015
Type	ATX12V
Test Date	8/21/15

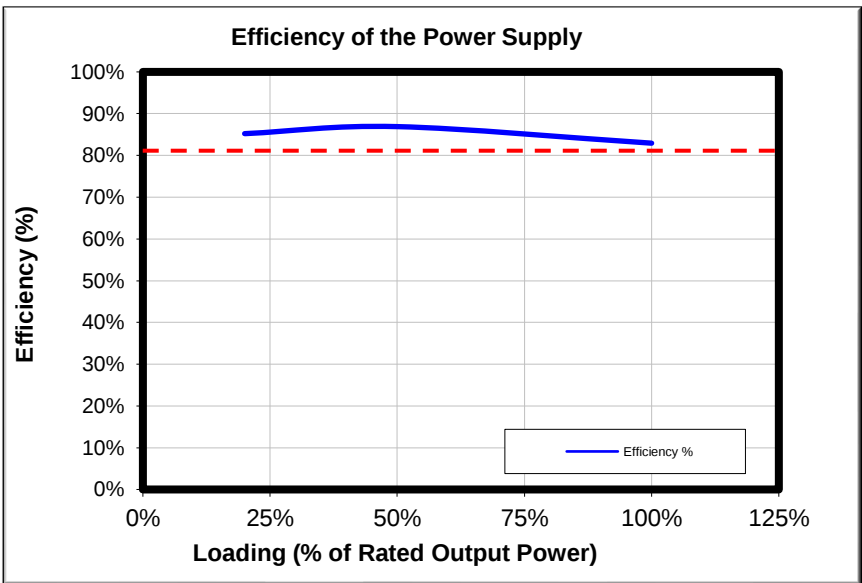
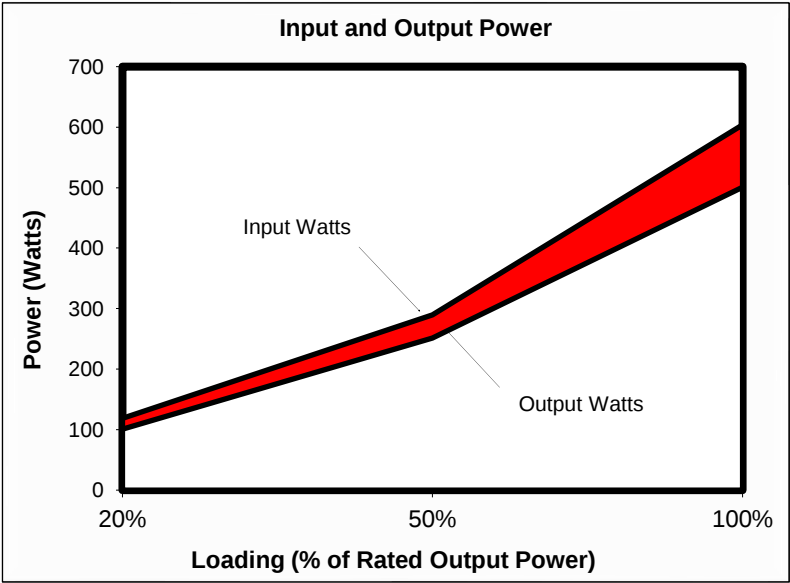
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 14.12%, 50% Load)

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
0.31	0.89	25.84%	10%	63.22	12.05/3.28		11.71/0.03	3.39/1.18	5.11/1.11	5.09/0.21	50.55	79.96%
0.54	0.95	19.19%	20%	118.48	12.05/6.55		11.78/0.05	3.38/2.36	5.09/2.21	5.08/0.43	100.96	85.21%
1.29	0.98	14.12%	50%	289.70	12.05/16.37		11.96/0.13	3.35/5.89	5.05/5.52	5.04/1.07	251.73	86.90%
2.65	0.99	10.89%	100%	603.80	12.03/32.67		12.33/0.26	3.3/11.74	4.98/11.03	4.97/2.15	500.73	82.93%



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/>