

80 PLUS Verification and Testing Report

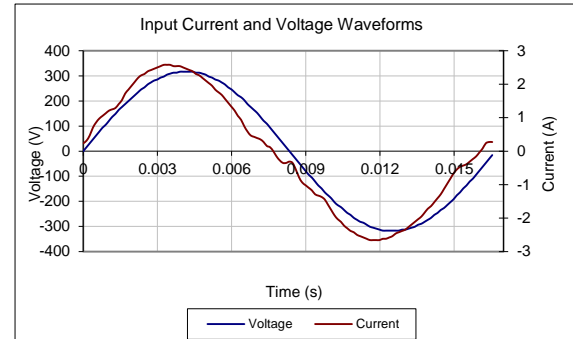
TYPICAL EFFICIENCY (50% Load):	94.72%
AVERAGE EFFICIENCY :	94.07%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1128
Manufacturer	ETASIS
Model Number	EFRP-P80A
Serial Number	N/A
Year	2016
Type	1U
Test Date	08/03/16

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-4	Amps
Input Frequency	47-63	Hz
Rated Output Power	800	Watts

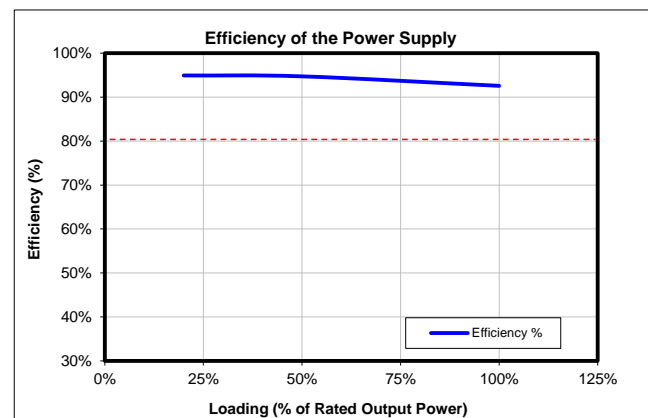
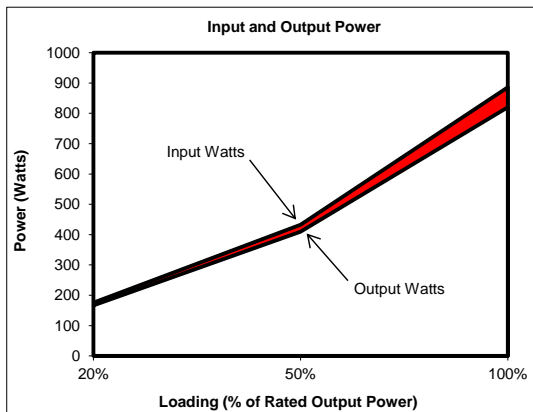
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 9.52%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	12Vsb		
0.48	0.82	38.96	10%	Low	91	1.32	12.26/6.39	11.98/0.29	82	90.16%
0.84	0.90	25.35	20%	Light	176	1.56	12.26/12.82	11.96/0.81	167	94.92%
1.92	0.98	9.52	50%	Typical	433	1.92	12.27/32	11.96/1.45	410	94.72%
3.89	0.99	7.12	100%	Full	886	2.76	12.27/64	11.96/2.9	820	92.57%

* Fan power is not included in the efficiency calculations



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/>

