

80 PLUS Verification and Testing Report

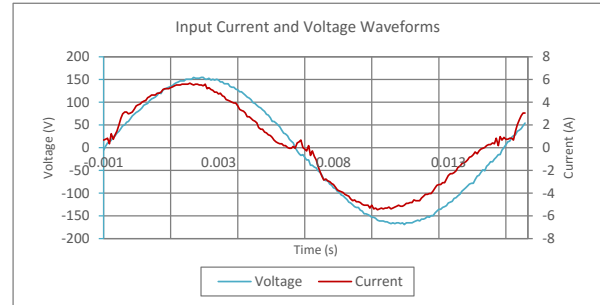
TYPICAL EFFICIENCY (50% Load):	91.90%
AVERAGE EFFICIENCY :	90.52%
80 PLUS COMPLIANT:	YES



ID Number	5043
Manufacturer	ABYSM
Model Number	53001
Serial Number	N/A
Year	2017
Type	EPS12V
Test Date	9/5/17

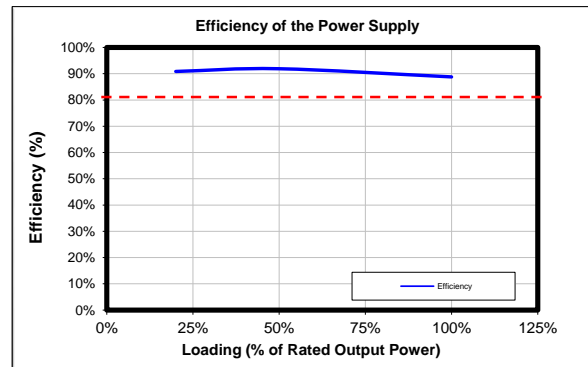
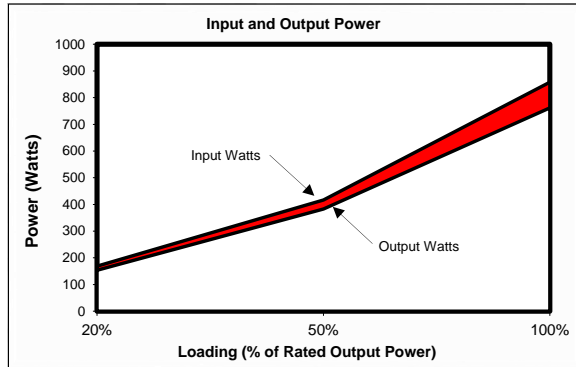
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (I_{THD} = 10.383%, 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		
0.85	0.90	11.15%	10%	87.57	12.23/5.39	11.94/0.03	3.37/1.12	5.08/1.05	5.09/0.22	76.44	87.29%
1.55	0.95	13.08%	20%	168.55	12.22/10.82	11.95/0.05	3.36/2.24	5.08/2.09	5.08/0.43	153.15	90.87%
3.73	0.97	10.38%	50%	416.74	12.22/27.08	12.16/0.13	3.34/5.6	5.06/5.21	5.04/1.09	383.00	91.90%
7.57	0.98	5.51%	100%	857.75	12.21/53.87	12.76/0.26	3.31/11.22	5.03/10.41	4.98/2.17	761.58	88.79%



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/>

