

80 PLUS Verification and Testing Report

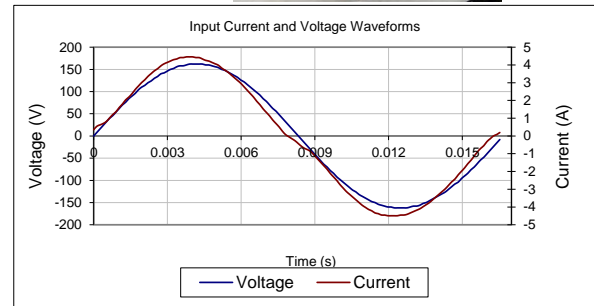
TYPICAL EFFICIENCY (50% Load):	86.07%
AVERAGE EFFICIENCY :	84.42%
80 PLUS COMPLIANT:	YES



ID Number	4835.1
Manufacturer	FirePower Technology, Inc.
Model Number	FPS0600-A2S00
Serial Number	N/A
Year	2017
Type	ESP12V
Test Date	1/18/17

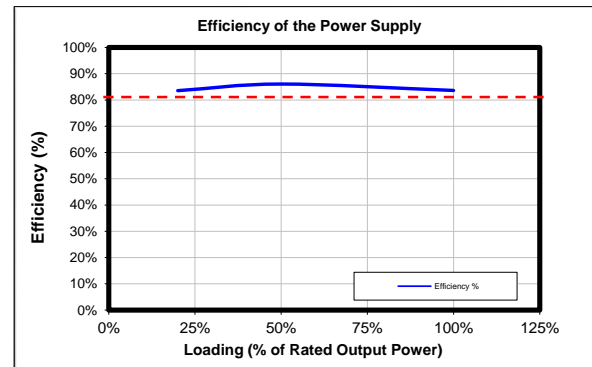
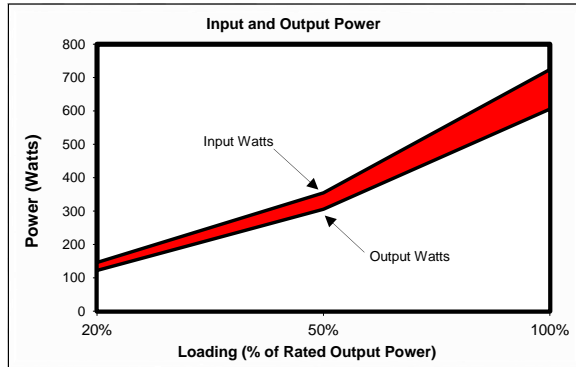
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 7.17%, 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		
0.76	0.90	12.10%	10%	78.61	12.21/4.17	11.47/0.04	3.43/1.01	5.14/1.01	5.18/0.21	61.19	77.84%
1.32	0.96	8.94%	20%	146.10	12.17/8.35	11.5/0.08	3.43/2.02	5.14/2.01	5.17/0.42	122.07	83.55%
3.12	0.99	7.17%	50%	354.90	12.13/21	11.73/0.21	3.42/5.04	5.13/4.99	5.14/1.04	305.46	86.07%
6.33	1.00	5.89%	100%	724.20	12.06/41.82	11.99/0.42	3.41/10.07	5.12/9.96	5.08/2.09	605.68	83.63%



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/>

