

# 80 PLUS Verification and Testing Report

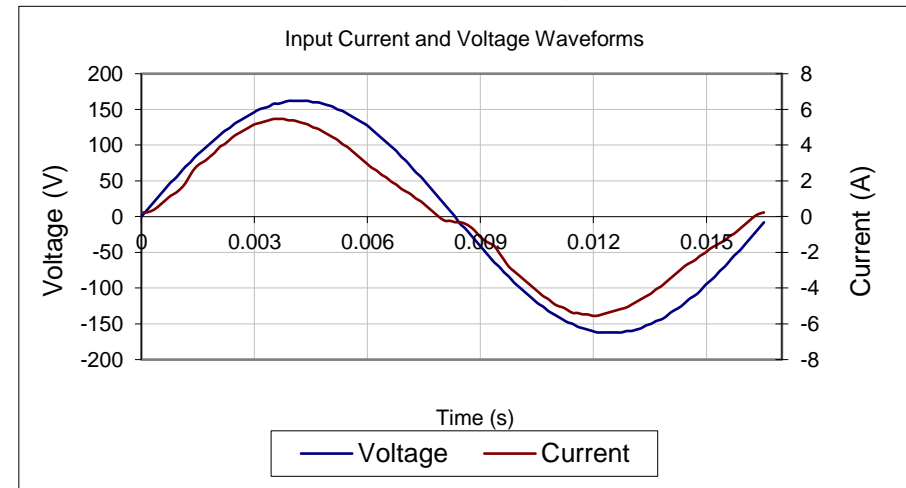
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.85%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>90.37%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID #</b>	4400.12
<b>Manufacturer</b>	Channel Well Technology Co.
<b>Model Number</b>	GPS750S
<b>Serial Number</b>	N/A
<b>Year</b>	2015
<b>Type</b>	ATX12V
<b>Test Date</b>	7/14/15

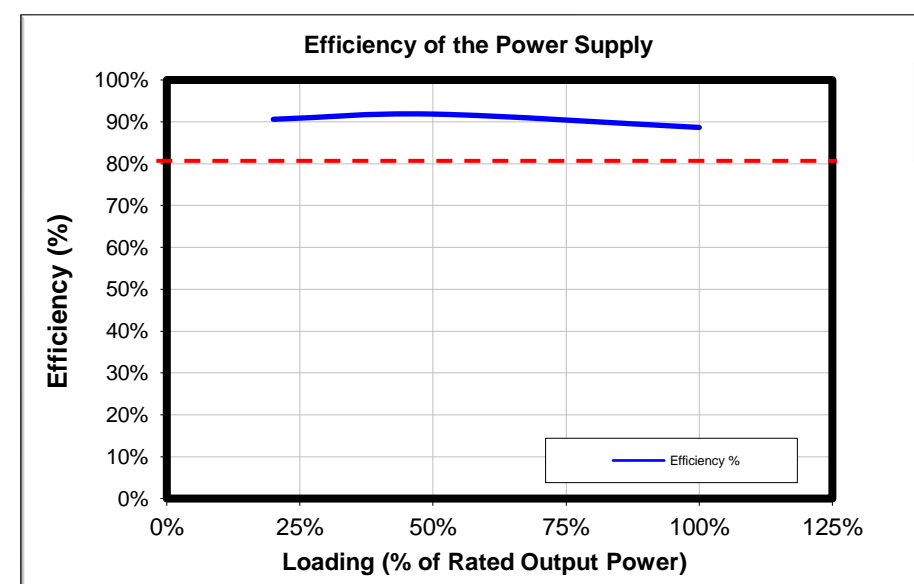
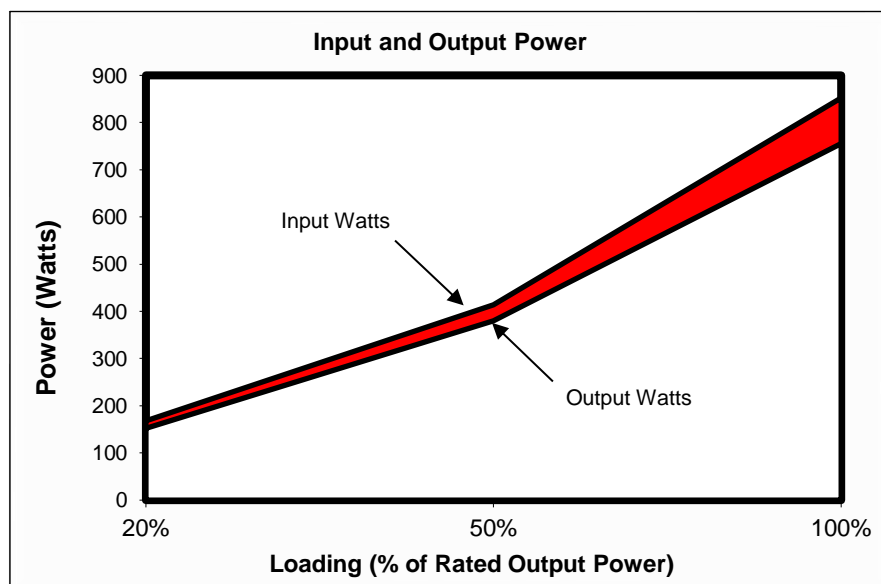
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10.0	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 12.2%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.83	0.93	13.40%	10%	88.94	12.15/5.29	11.47/0.03	3.37/1.23	5.08/1.23	5.09/0.21	76.10	85.56%
1.50	0.97	12.52%	20%	168.27	12.14/10.62	11.49/0.05	3.37/2.46	5.08/2.45	5.08/0.43	152.46	90.61%
3.65	0.99	12.20%	50%	414.10	12.12/26.55	11.62/0.13	3.36/6.16	5.06/6.11	5.06/1.07	380.37	91.85%
7.47	0.99	10.28%	100%	852.20	12.09/52.85	12.07/0.26	3.33/12.28	5.05/12.22	5.03/2.13	755.56	88.66%



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/>