

## 80 PLUS Verification and Testing Report

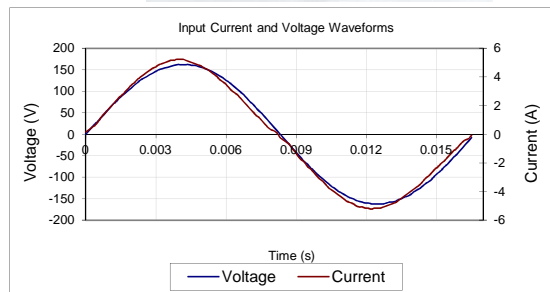
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.21%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.97%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4470
<b>Manufacturer</b>	EVGA
<b>Model Number</b>	750 GQ
<b>Serial Number</b>	N/A
<b>Year</b>	2015
<b>Type</b>	ATX12V
<b>Test Date</b>	10/20/15

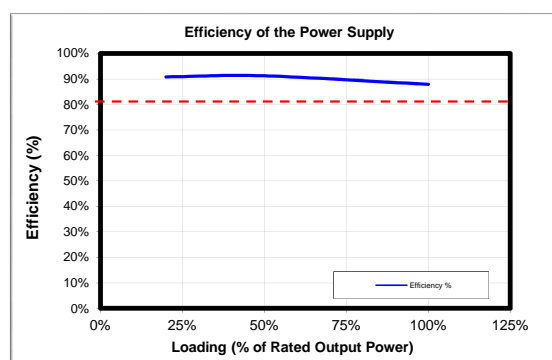
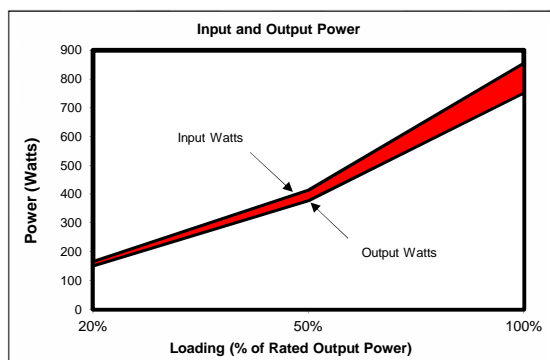
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

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



Input AC Current Waveform (THD = 5.25%, 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		
0.78	0.96	25.29%	10%	86.26	12.08/5.26	11.63/0.04	3.3/1.22	5.03/1.22	5.11/0.25	75.49	87.51%
1.47	0.98	16.00%	20%	166.09	12.07/10.52	11.63/0.08	3.3/2.44	5.03/2.43	5.11/0.51	150.81	90.80%
3.61	1.00	5.25%	50%	413.80	12.05/26.4	11.65/0.21	3.3/6.09	5.03/6.04	5.1/1.26	377.41	91.21%
7.44	1.00	3.85%	100%	854.80	12/52.71	11.77/0.42	3.29/12.15	5.04/12.09	5.07/2.53	751.29	87.89%



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/>

