

80 PLUS Verification and Testing Report

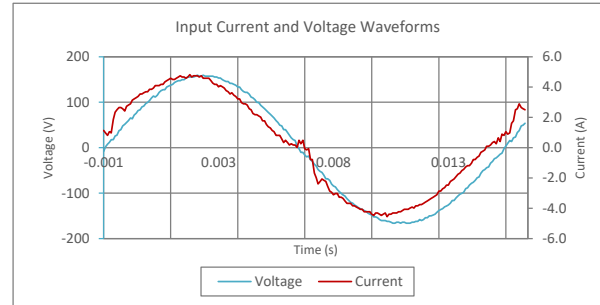
TYPICAL EFFICIENCY (50% Load):	91.05%
AVERAGE EFFICIENCY :	89.70%
80 PLUS COMPLIANT:	YES



ID Number	5331
Manufacturer	Segotep Electroinc Technology Co., Ltd.
Model Number	GP750G(SG-750G)
Serial Number	N/A
Year	2018
Type	EPS12V
Test Date	7/18/18

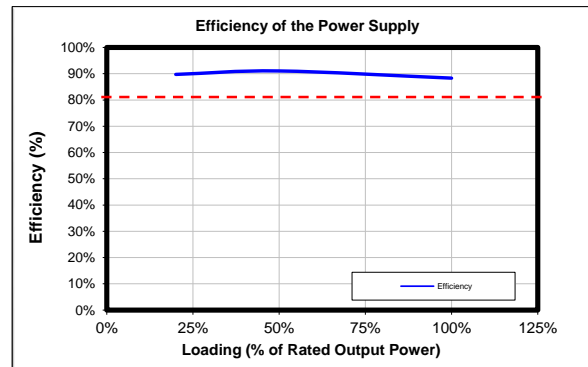
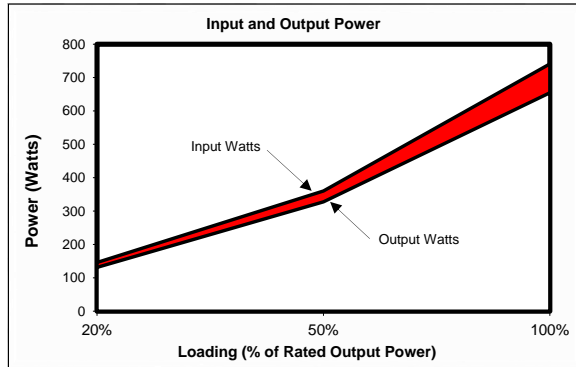
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (I_{THD} = 7.04%, 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		
0.73	0.92	10.93%	10%	76.87	12.02/4.59	12.42/0.03	3.37/1.09	5.11/1.02	5.15/0.21	65.52	85.23%
1.31	0.97	9.07%	20%	146.05	12.02/9.19	12.43/0.05	3.37/2.19	5.11/2.04	5.14/0.42	131.06	89.73%
3.20	0.98	7.04%	50%	360.00	12.03/23	12.51/0.13	3.35/5.46	5.09/5.08	5.11/1.06	327.79	91.05%
6.48	0.99	4.36%	100%	741.00	12.04/45.93	12.72/0.25	3.32/10.94	5.06/10.14	5.06/2.12	654.49	88.33%



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/>

