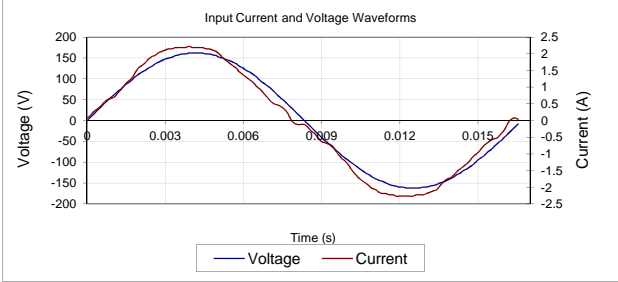


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.45%
AVERAGE EFFICIENCY :	85.39%
80 PLUS COMPLIANT:	YES



Ecos ID #	4213
Manufacturer	SolidGear
Model Number	SDGR-FLXB-300
Serial Number	N/A
Year	2014
Type	FLEX ATX
Test Date	1/22/15

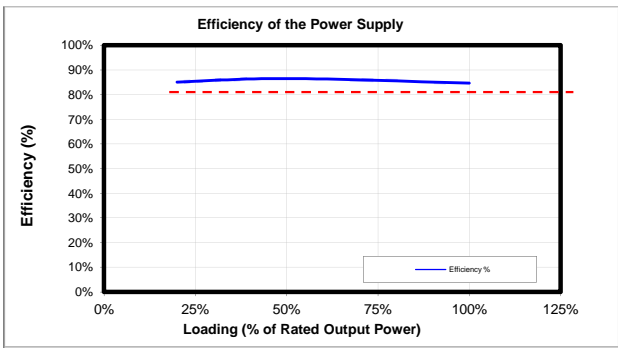
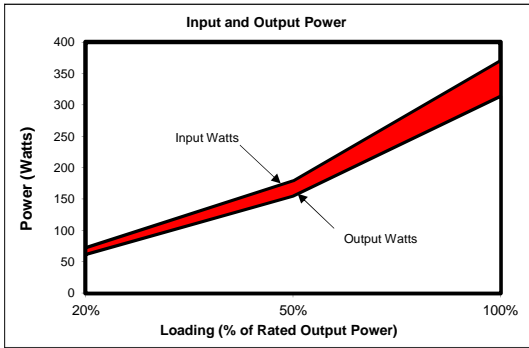


Rated Specifications	Value	Units
Input Voltage	115 / 230	Volts
Input Current	10 / 6	Amps
Input Frequency	60 / 50	Hz
Rated Output Power	300	Watts

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

Input AC Current Waveform (THD = 8.75%, 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.)	-5V	-12V	3.3V	5V			5Vsb
0.36	0.95	16.49%	10%	38.85	12.34/1.98	5.12/0.02	11.6/0.03	3.42/0.59	5.14/0.59	5.17/0.2	31.00	79.79%
0.65	0.97	12.34%	20%	72.53	12.35/3.94	5.16/0.04	11.62/0.06	3.42/1.18	5.13/1.18	5.17/0.4	61.69	85.06%
1.57	0.99	8.75%	50%	179.10	12.39/9.88	5.29/0.1	11.66/0.15	3.41/2.96	5.11/2.94	5.14/0.99	154.83	86.45%
3.24	0.99	6.18%	100%	370.60	12.45/19.76	5.54/0.2	11.69/0.3	3.95/5.91	5.07/5.86	5.08/1.98	313.75	84.66%



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/>

