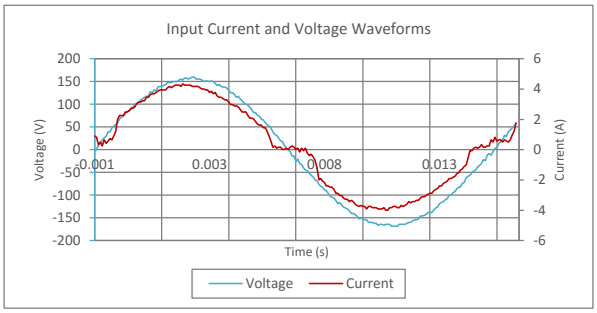
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**86.77%**
AVERAGE EFFICIENCY :	**85.36%**
80 PLUS COMPLIANT:	**YES**

ID Number	4948
Manufacturer	NetOnNet AB
Model Number	GGP 1.0
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	5/16/17

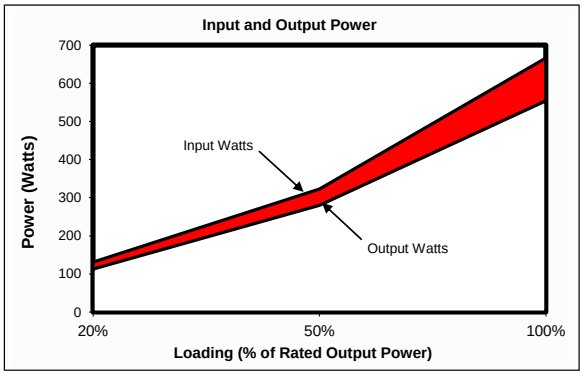
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	8/4	Amps
Input Frequency	60/50	Hz
Rated Output Power	**550**	**Watts**

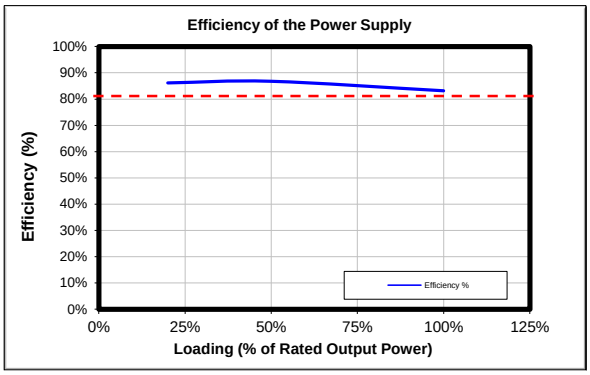
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 10.85%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
A					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.63	0.94	21.72%	10%	68.40	12.26/4	12.03/0.05	3.4/0.6	5.16/0.7	5.15/0.2	56.39	**82.44%**
1.18	0.97	19.60%	20%	131.00	12.24/8.03	12.05/0.1	3.4/1.2	5.16/1.4	5.14/0.4	112.86	**86.15%**
2.83	0.99	10.85%	50%	322.70	12.16/20.06	12.11/0.25	3.38/3	5.17/3.46	5.11/1	280.02	**86.77%**
5.82	1.00	7.34%	100%	666.20	12.08/39.9	12.15/0.5	3.36/6	5.16/6.93	5.05/2	553.98	**83.16%**





PLUG LOAD solutions

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/

80 PLUS