

80 PLUS Verification and Testing Report

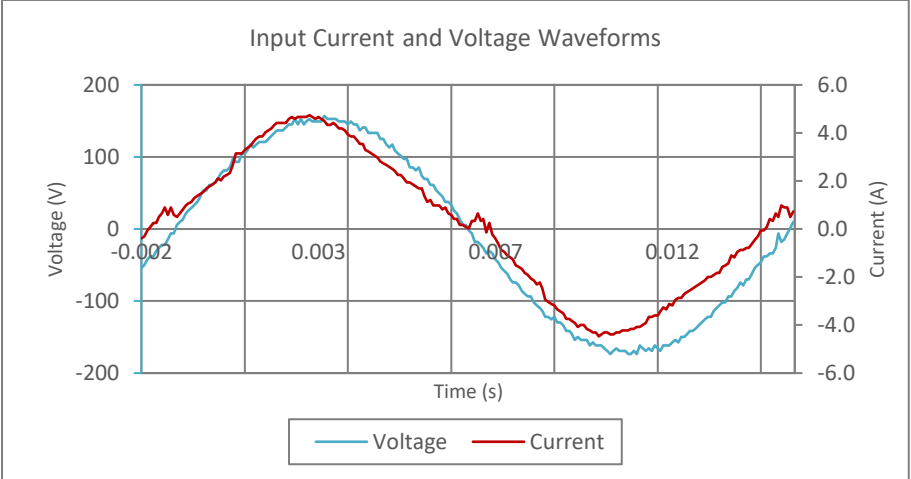
TYPICAL EFFICIENCY (50% Load):	90.77%
AVERAGE EFFICIENCY :	89.15%
80 PLUS COMPLIANT:	YES



ID Number	5270.1
Manufacturer	CHIEFTEC
Model Number	BBS-600S
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	3/27/18

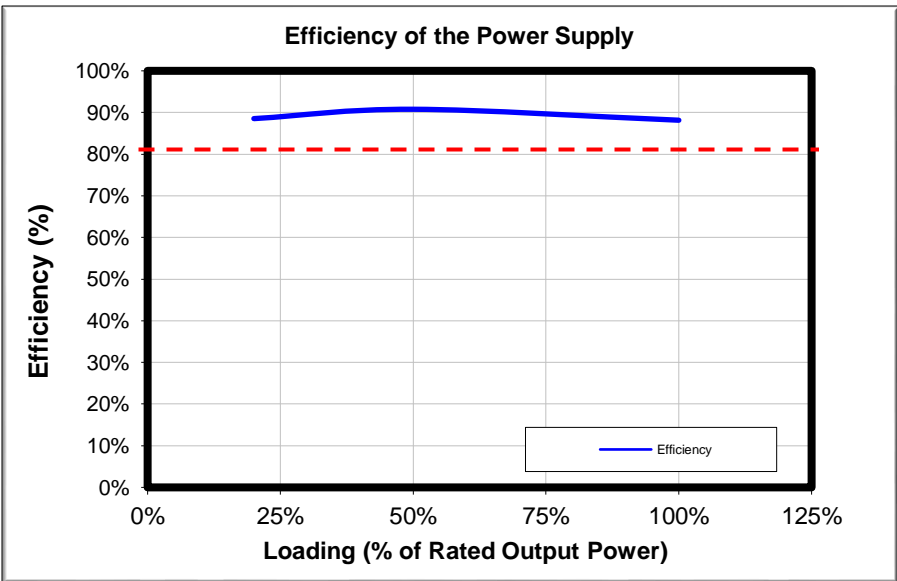
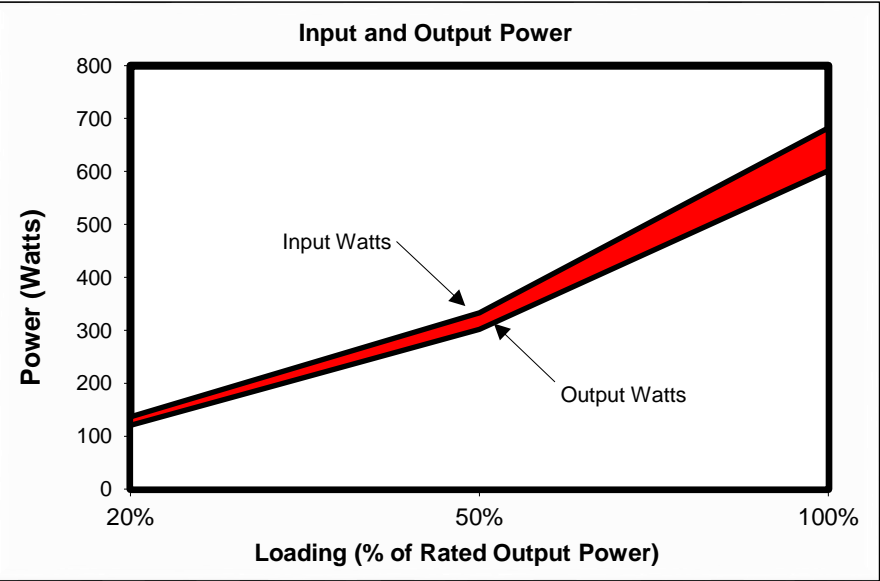
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 11.68%, 50% Load)

I <sub>RMS</sub>	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		
0.68	0.93	12.65%	10%	72.20	12.05/4.12	11.57/0.03	3.38/1.11	5.07/1.11	5.09/0.21	60.47	83.76%
1.23	0.97	12.79%	20%	136.60	12.05/8.25	11.58/0.05	3.37/2.23	5.06/2.22	5.08/0.42	120.93	88.53%
2.93	0.99	11.68%	50%	332.90	12.04/20.68	11.69/0.13	3.34/5.57	5.04/5.52	5.05/1.05	302.19	90.77%
5.99	0.99	10.71%	100%	682.40	12.02/41.28	12.15/0.25	3.28/11.15	5/11.03	5.01/2.1	601.48	88.14%



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/>

