

80 PLUS Verification and Testing Report

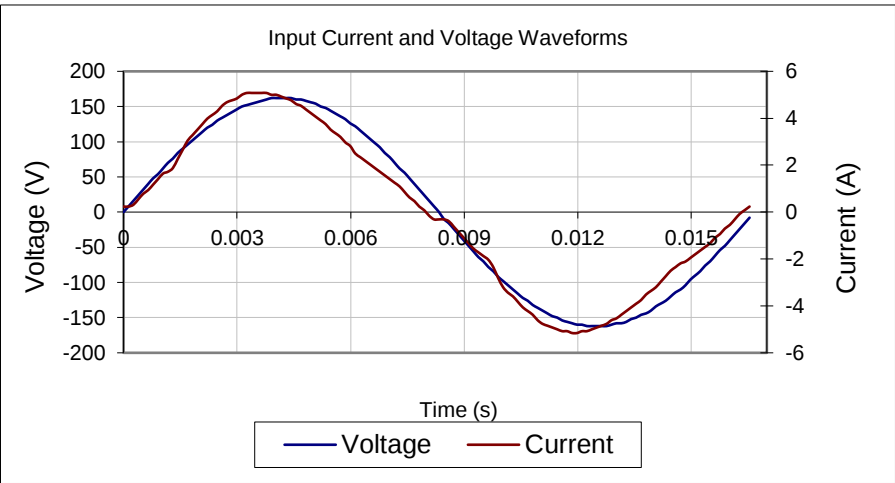
TYPICAL EFFICIENCY (50% Load):	91.53%
AVERAGE EFFICIENCY :	90.01%
80 PLUS COMPLIANT:	YES



ID Number	4751.2
Manufacturer	CHIEFTEC
Model Number	BBS-700S
Serial Number	N/A
Year	2016
Type	ATX12V
Test Date	11/2/16

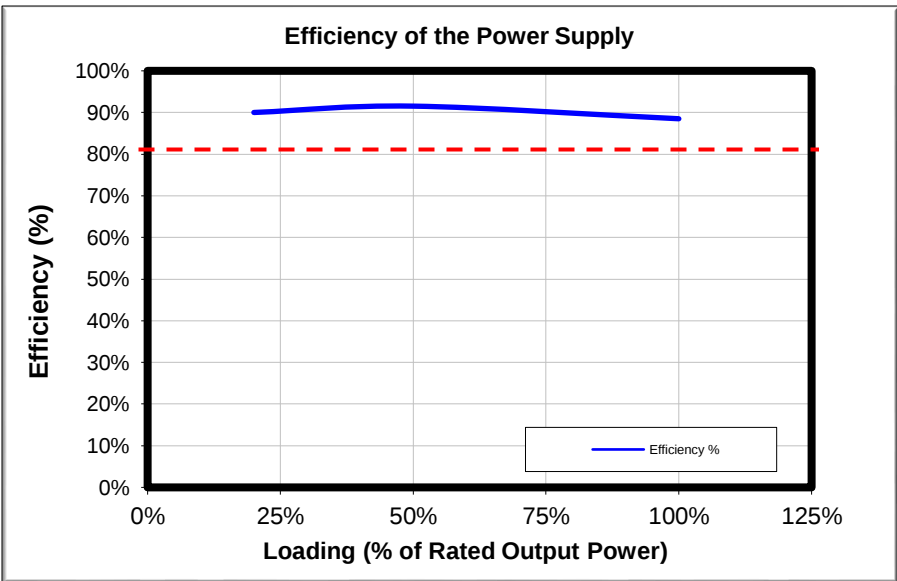
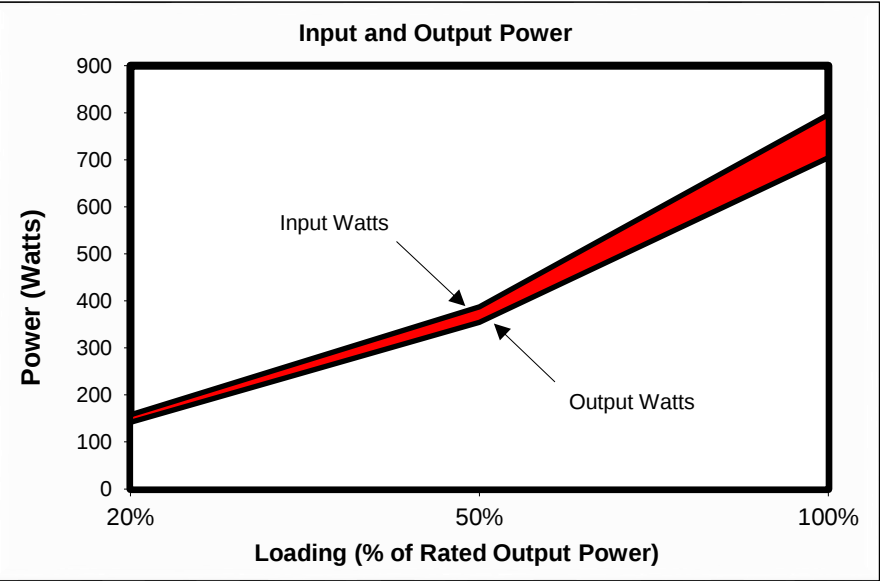
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 11.85%, 50% Load)

I _{RMS} A	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		
0.78	0.92	11.94%	10%	82.99	12.17/4.88	11.69/0.03	3.41/1.22	5.06/1.22	5.08/0.21	71.08	85.65%
1.42	0.97	11.38%	20%	158.01	12.16/9.79	11.73/0.05	3.4/2.43	5.05/2.42	5.07/0.42	142.21	90.00%
3.42	0.99	11.85%	50%	387.40	12.15/24.44	11.94/0.13	3.38/6.07	5.02/6.03	5.04/1.05	354.57	91.53%
7.00	0.99	11.50%	100%	795.90	12.12/48.71	12.49/0.25	3.32/12.13	4.98/12.06	5/2.1	704.35	88.50%



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/>

