

80 PLUS Verification and Testing Report

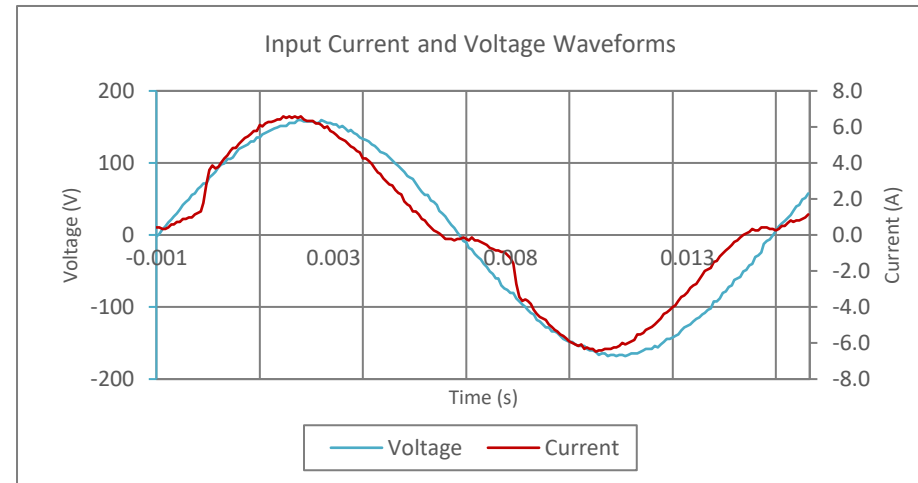
TYPICAL EFFICIENCY (50% Load):	91.90%
AVERAGE EFFICIENCY :	90.87%
80 PLUS COMPLIANT:	YES



ID Number	6686
Manufacturer	Be Quiet
Model Number	L11-FM-850W
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	9/29/21

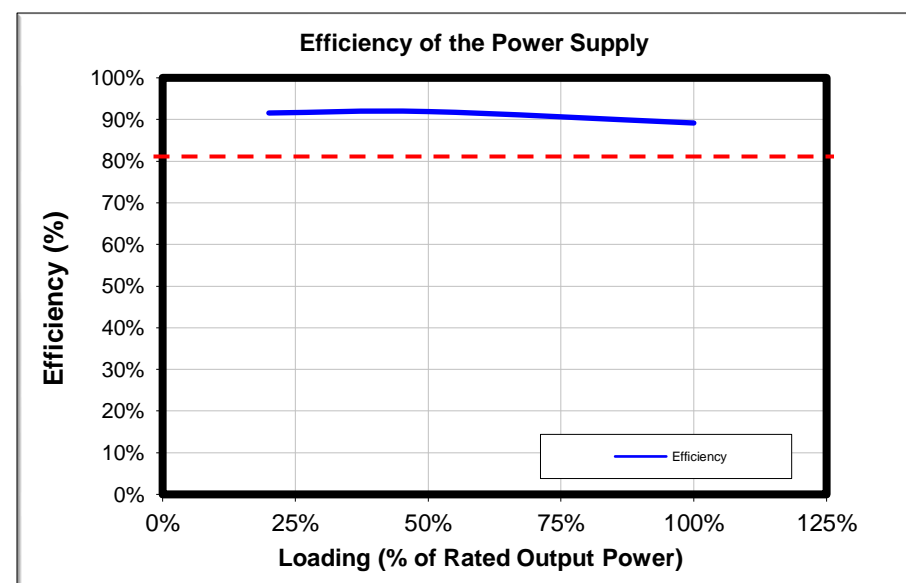
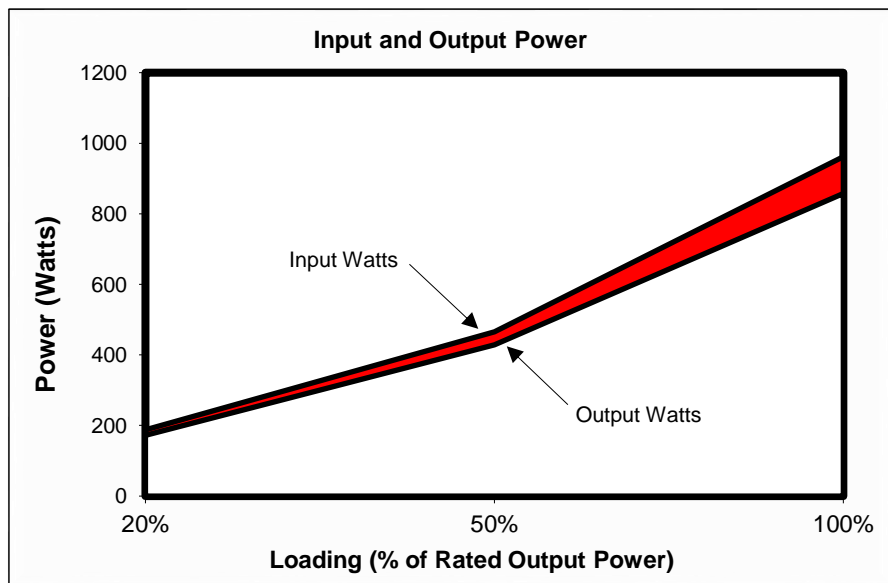
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 18.56%, 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		
0.90	0.94	32.36%	10%	97.12	12.09/6.09	12.03/0.03	3.3/1.24	5.02/1.24	5.11/0.26	85.58	88.12%
1.70	0.96	27.34%	20%	187.44	12.07/12.24	12.04/0.05	3.29/2.49	5.03/2.48	5.1/0.52	171.61	91.56%
4.14	0.98	18.56%	50%	465.80	12.04/30.6	12.06/0.13	3.31/6.22	5/6.17	5.07/1.29	428.07	91.90%
8.44	0.99	11.10%	100%	961.80	11.99/61.13	12.07/0.26	3.53/12.46	5.25/12.32	5.02/2.58	857.49	89.15%



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/>