

80 PLUS Verification and Testing Report

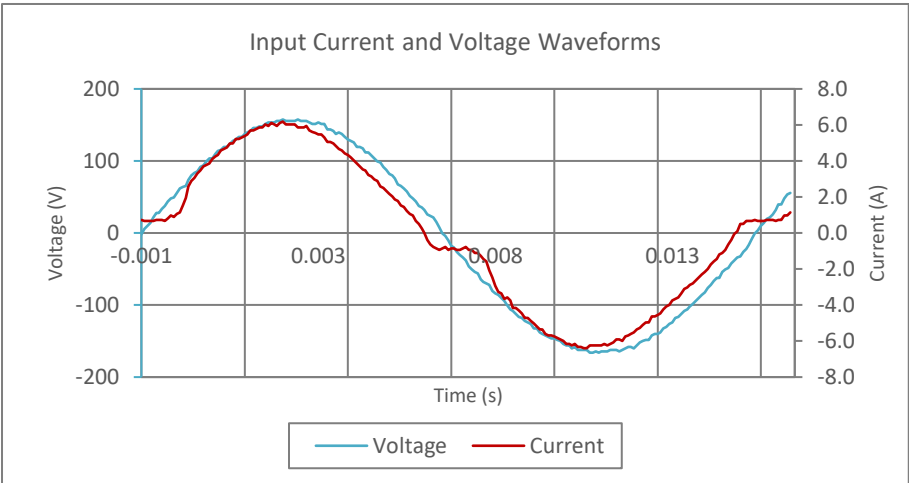
TYPICAL EFFICIENCY (50% Load):	91.00%
AVERAGE EFFICIENCY :	89.66%
80 PLUS COMPLIANT:	YES



ID Number	6351.1
Manufacturer	ABKO
Model Number	XT-850G
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/29/21

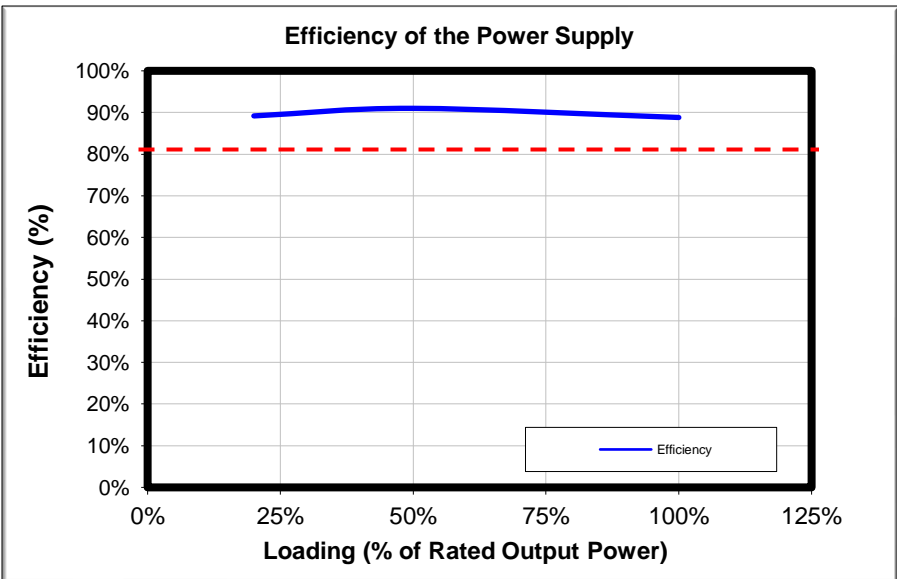
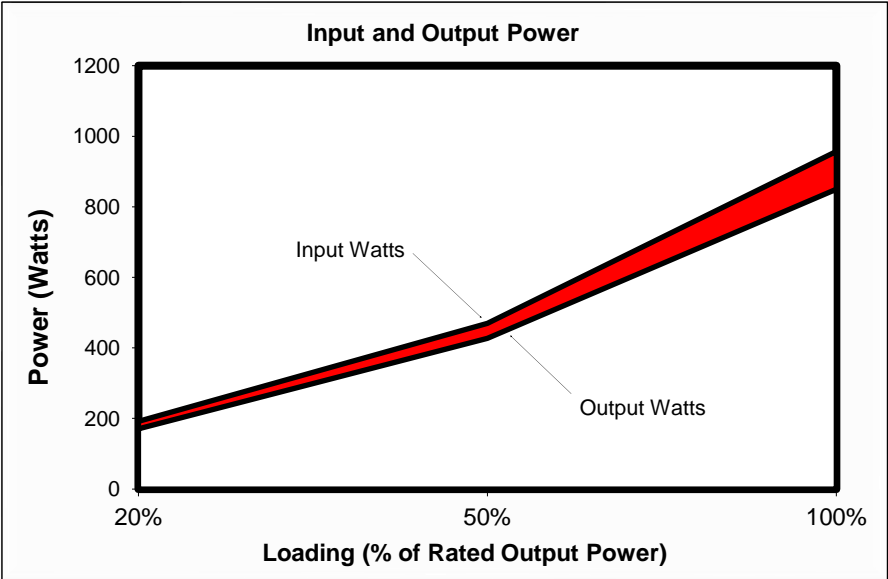
Rated Specifications	Value	Units
Input Voltage	115	Volts
Input Current	10	Amps
Input Frequency	60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 12.17%, 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		
0.92	0.95	15.65%	10%	100.72	12.07/6.25	11.74/0.03	3.37/1	4.92/1	5.05/0.25	85.39	84.78%
1.72	0.97	20.11%	20%	192.01	12.05/12.57	11.79/0.06	3.37/2	4.91/1.99	5.03/0.5	171.23	89.18%
4.13	0.99	12.17%	50%	469.10	12.03/31.41	11.91/0.15	3.35/5	4.89/4.96	4.99/1.25	426.86	91.00%
8.36	0.99	6.97%	100%	956.90	11.99/62.75	12.38/0.3	3.32/10.01	4.86/9.9	4.91/2.5	849.78	88.81%



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/>