

80 PLUS Verification and Testing Report

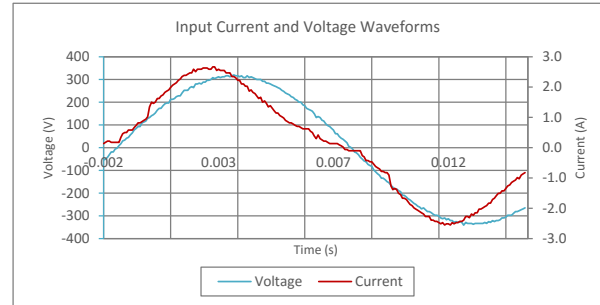
TYPICAL EFFICIENCY (50% Load):	87.92%
AVERAGE EFFICIENCY :	86.32%
80 PLUS COMPLIANT:	YES



ID Number	EU-406
Manufacturer	ABKO CO., LTD
Model Number	ABKO Mighty 600W
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	4/4/18

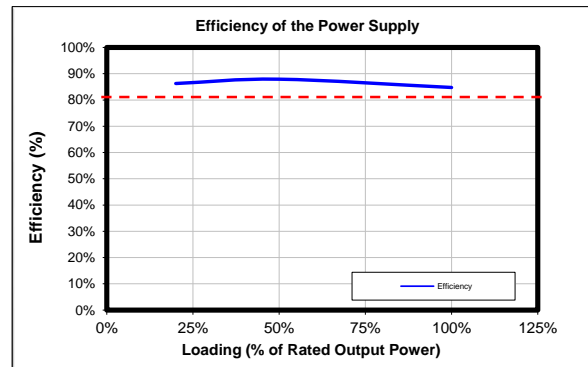
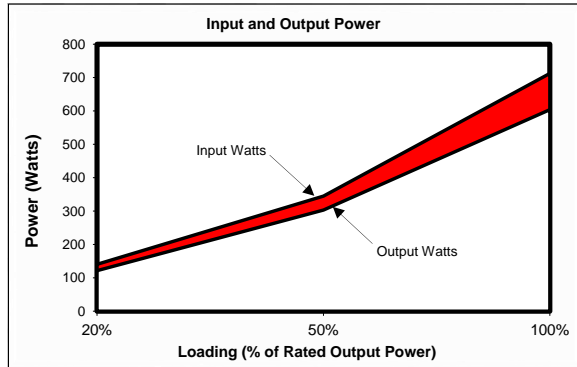
Rated Specifications	Value	Units
Input Voltage	220	Volts
Input Current	10	Amps
Input Frequency	50	Hz
Rated Output Power	600	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 19.45%, 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		
0.37	0.87	25.08%	10%	74.62	12.05/4.08	11.91/0.05	3.4/1.14	5.18/1.14	5.14/0.23	60.77	81.44%
0.67	0.92	22.46%	20%	140.57	12.05/8.16	11.95/0.09	3.4/2.29	5.16/2.28	5.13/0.45	121.28	86.28%
1.57	0.95	19.45%	50%	345.00	12.05/20.44	12.03/0.23	3.38/5.72	5.13/5.67	5.08/1.13	303.32	87.92%
3.19	0.97	15.12%	100%	712.50	12.05/40.81	12.19/0.45	3.34/11.46	5.06/11.33	5/2.26	603.91	84.76%



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/>

