

80 PLUS Verification and Testing Report

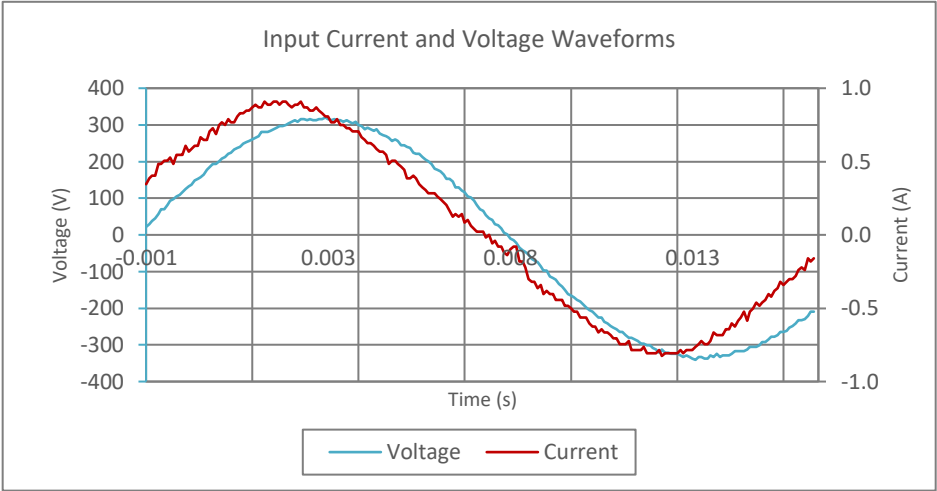
TYPICAL EFFICIENCY (50% Load):	87.30%
AVERAGE EFFICIENCY :	85.55%
80 PLUS COMPLIANT:	YES



ID Number	EU-859
Manufacturer	Shenzhen Honor Electronic Co.,Ltd
Model Number	U2A-A0220-C
Serial Number	A050250G6M0013
Year	2021
Type	ATX12V
Test Date	11/17/21

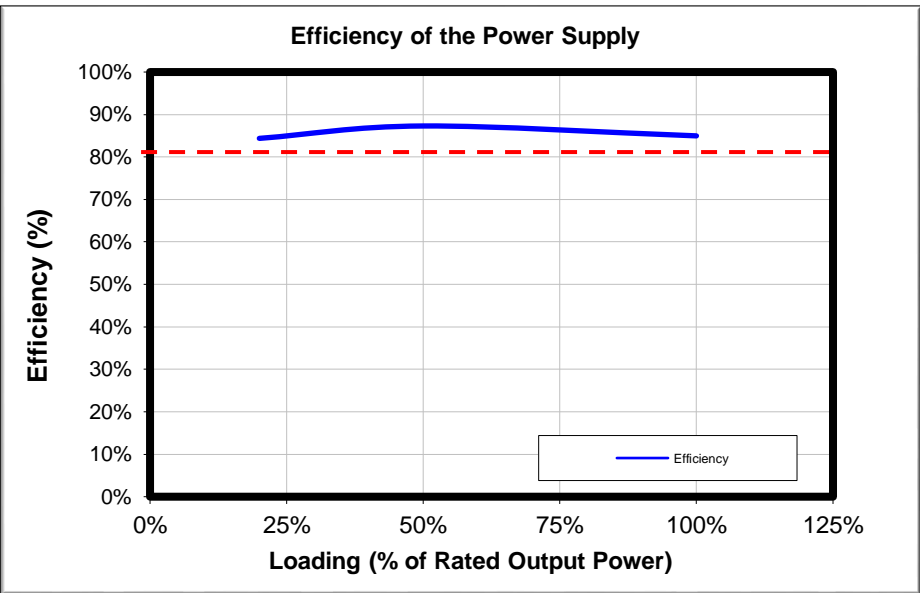
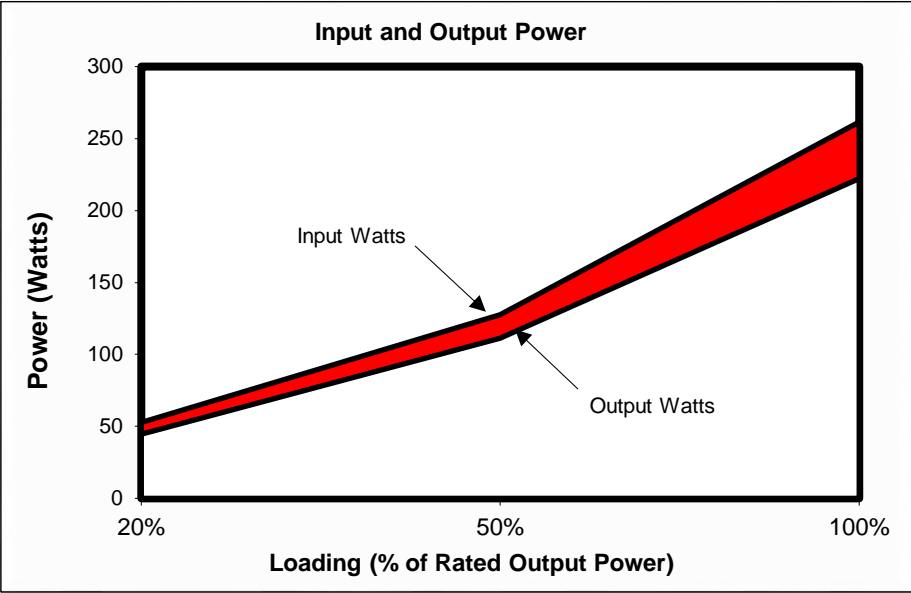
Rated Specifications	Value	Units
Input Voltage	180-240	Volts
Input Current	2	Amps
Input Frequency	50-60	Hz
Rated Output Power	220	Watts

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



Input AC Current Waveform (ITHD = 6.46%, 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		
0.18	0.69	12.32%	10%	28.41	12.2/1.21	12.23/0.02	3.31/0.79	5.04/0.79	5.03/0.13	22.29	78.45%
0.27	0.85	8.66%	20%	52.85	12.22/2.43	12.27/0.04	3.3/1.58	5.03/1.58	5.02/0.26	44.59	84.38%
0.58	0.96	6.46%	50%	127.66	12.22/6.07	12.36/0.11	3.29/3.96	5/3.93	5/0.66	111.44	87.30%
1.15	0.98	5.57%	100%	261.50	12.21/12.15	12.47/0.2	3.27/7.93	4.95/7.85	4.96/1.32	222.19	84.97%



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/>