

80 PLUS Verification and Testing Report

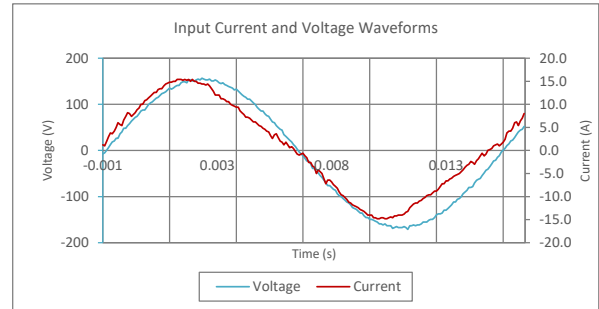
TYPICAL EFFICIENCY (50% Load):	91.26%
AVERAGE EFFICIENCY :	90.08%
80 PLUS COMPLIANT:	YES



ID Number	5865
Manufacturer	In Win Development Inc.
Model Number	IP-AD200C7-2
Serial Number	N/A
Year	2020
Type	FLEX ATX,CUSTOM
Test Date	1/22/20

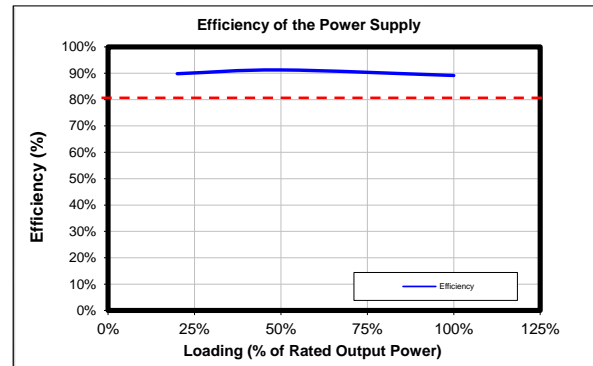
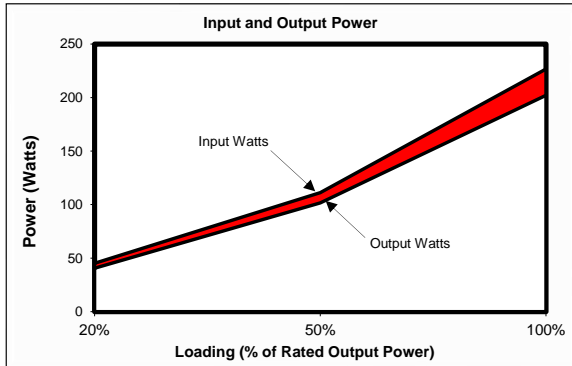
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3	Amps
Input Frequency	60/50	Hz
Rated Output Power	200	Watts

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



Input AC Current Waveform (ITHD = 9.82%, 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		
0.24	0.86	17.57%	10%	23.81	12.15/1.3	11.86/0.02	3.39/0.49	5.09/0.33	5.09/0.16	20.22	84.91%
0.42	0.94	10.64%	20%	45.20	12.15/2.61	11.84/0.05	3.38/0.98	5.09/0.65	5.07/0.33	40.60	89.83%
0.99	0.98	9.82%	50%	111.28	12.14/6.55	11.85/0.12	3.36/2.46	5.07/1.64	5.02/0.81	101.55	91.26%
2.00	0.99	9.40%	100%	226.70	12.12/13.08	11.81/0.24	3.33/4.9	5.03/3.24	4.95/1.63	202.12	89.16%



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/>

