

80 PLUS Verification and Testing Report

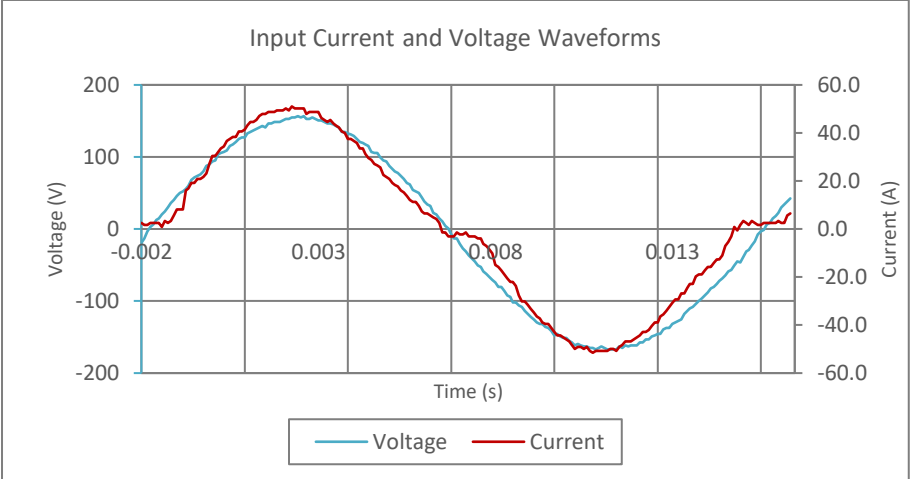
TYPICAL EFFICIENCY (50% Load):	88.10%
AVERAGE EFFICIENCY :	86.55%
80 PLUS COMPLIANT:	YES



ID Number	5914
Manufacturer	ADATA
Model Number	PYLON 650 BRONZE
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	2/26/20

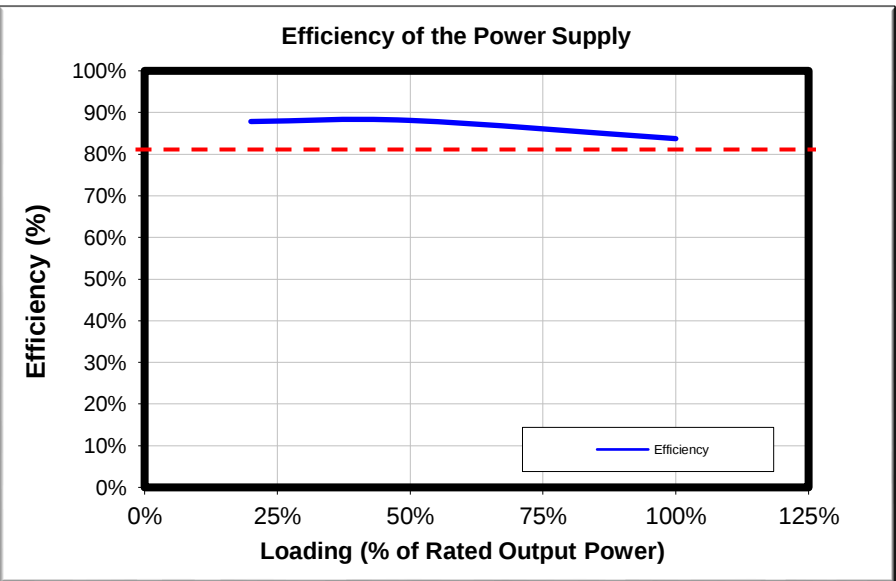
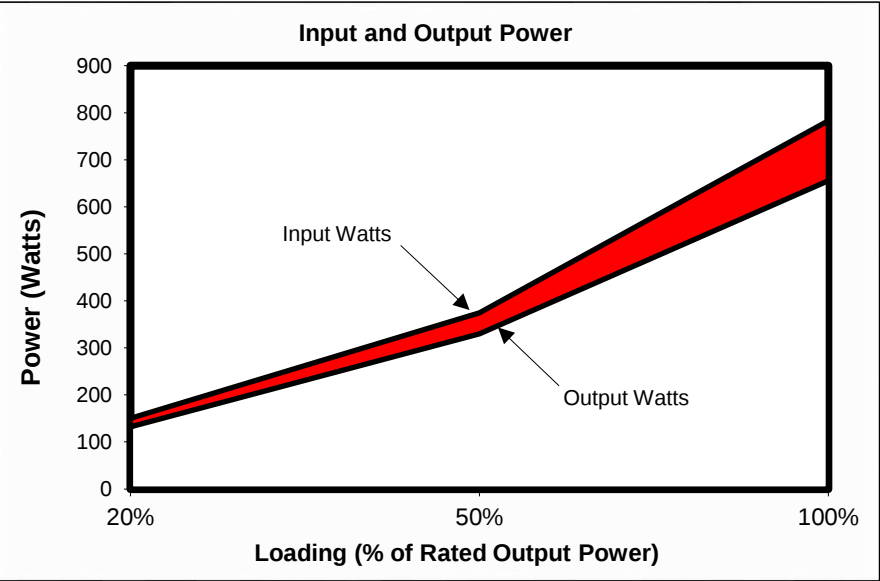
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 14.21%, 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		
0.72	0.95	29.03%	10%	78.14	12.21/4.55	11.84/0.03	3.3/1.11	5.03/1.11	5.07/0.21	66.21	84.74%
1.35	0.97	22.93%	20%	150.56	12.19/9.1	11.89/0.05	3.3/2.23	5.02/2.22	5.06/0.42	132.24	87.83%
3.29	0.99	14.21%	50%	374.40	12.15/22.79	12/0.13	3.3/5.56	5.02/5.51	5.03/1.05	329.85	88.10%
6.85	0.99	10.34%	100%	782.90	12.08/45.54	12.19/0.25	3.29/11.14	5.02/11.02	4.98/2.1	655.44	83.72%



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/>

