80 PLUS Verification and Testing Report
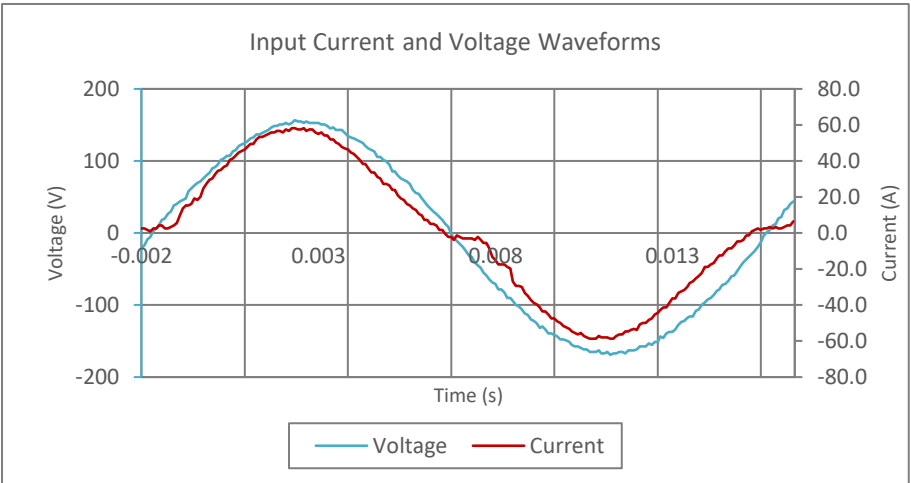
TYPICAL EFFICIENCY (50% Load):	**89.03%**
AVERAGE EFFICIENCY :	**87.33%**
80 PLUS COMPLIANT:	**YES**

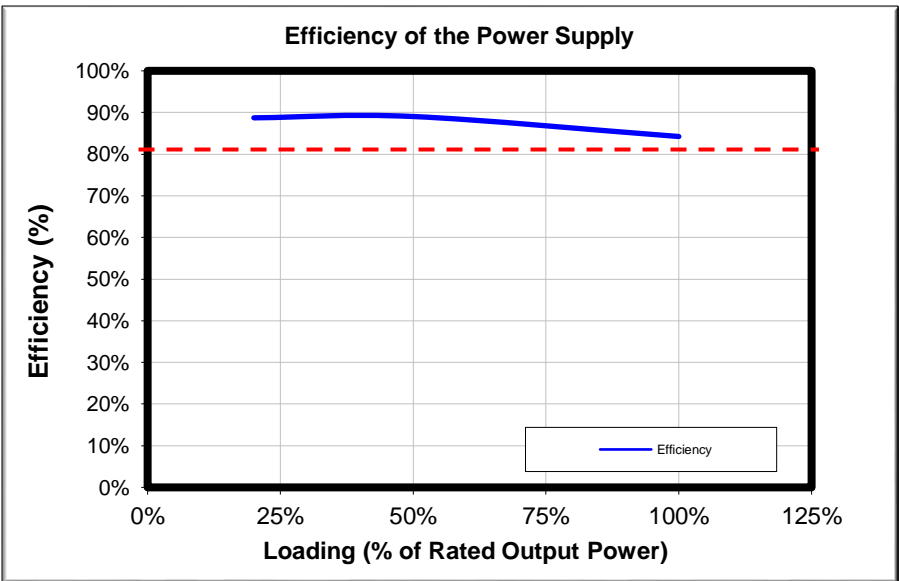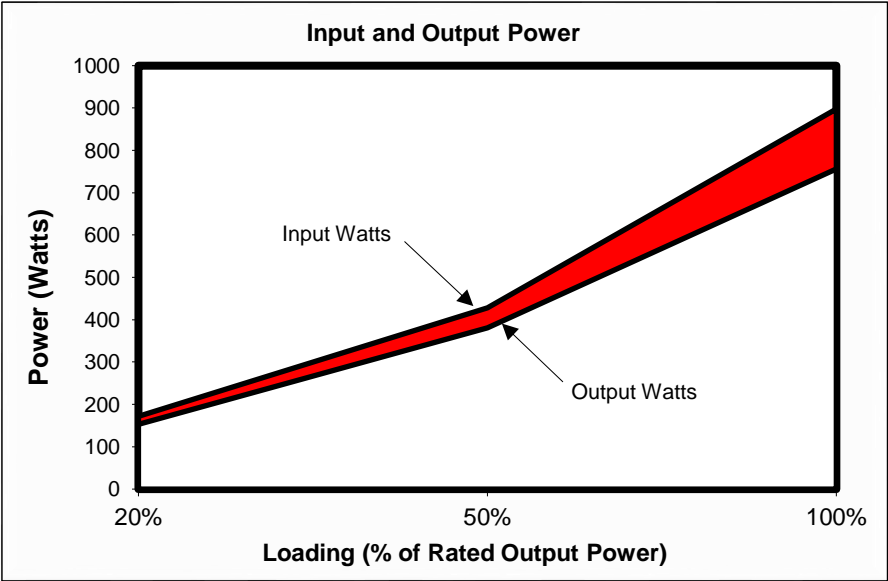|	
ID Number	5916
Manufacturer	ADATA
Model Number	PYLON 750 BRONZE
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/9/20

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	50-60	Hz
Rated Output Power	**750**	**Watts**

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

Input Current and Voltage Waveforms

Input AC Current Waveform (ITHD = 14.28%, 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		
0.82	0.96	26.17%	10%	90.07	12.24/5.3	11.58/0.03	3.3/1.22	5.03/1.22	5.08/0.21	76.39	84.81%
1.54	0.98	20.54%	20%	172.34	12.23/10.62	11.61/0.05	3.3/2.45	5.03/2.44	5.07/0.42	152.90	88.72%
3.77	0.99	14.28%	50%	428.30	12.18/26.59	11.69/0.13	3.3/6.13	5.03/6.07	5.04/1.06	381.33	89.03%
7.86	0.99	10.81%	100%	897.60	12.08/53.08	11.9/0.25	3.29/12.26	5.03/12.12	4.98/2.12	756.09	84.23%

Input and Output Power

Efficiency of the Power Supply

PLUG LOAD solutions

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/*

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