

80 PLUS Verification and Testing Report

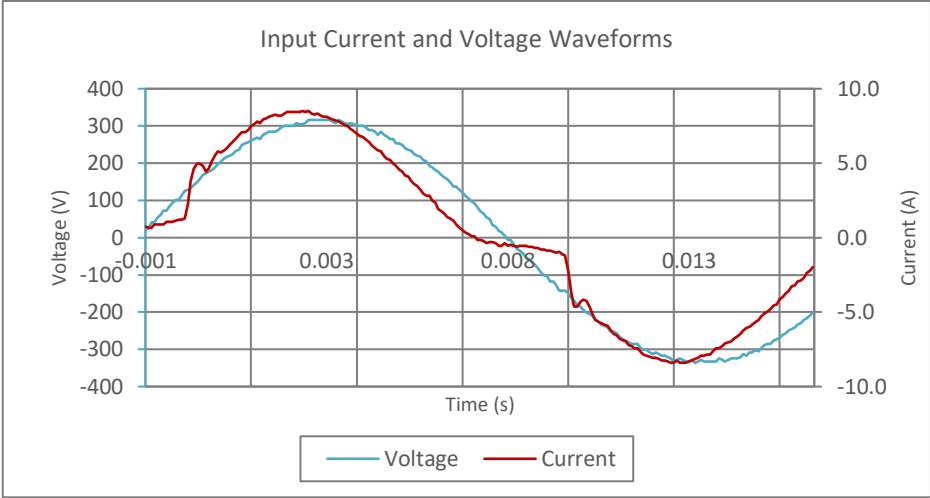
TYPICAL EFFICIENCY (50% Load):	94.10%
AVERAGE EFFICIENCY :	92.69%
80 PLUS COMPLIANT:	YES



ID Number	EU-861.1
Manufacturer	ASUS
Model Number	ASUS-PRO-WS-2200P
Serial Number	N/A
Year	2021
Type	EPS12V
Test Date	11/30/21

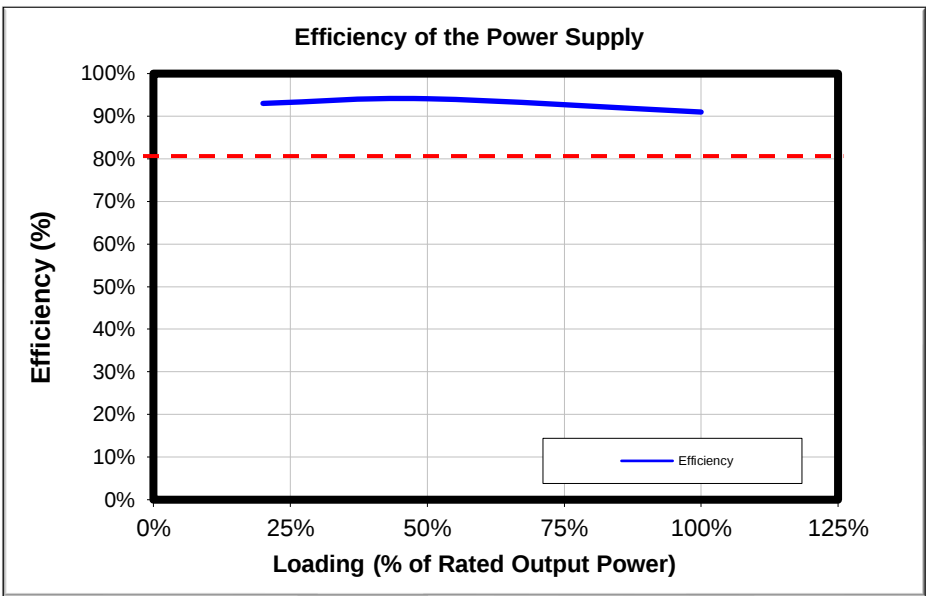
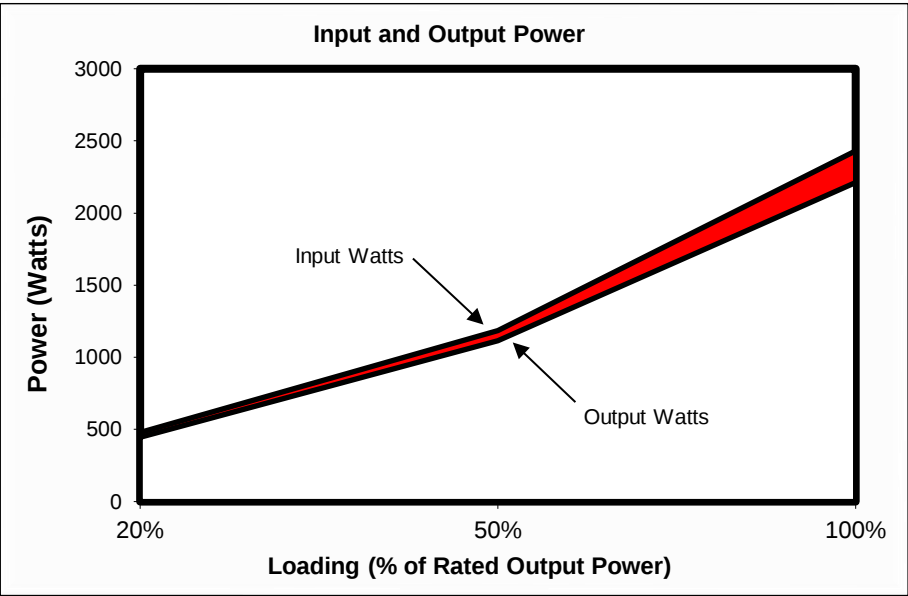
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
Rated Output Power	2200	Watts

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



Input AC Current Waveform (ITHD = 20.36%, 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		
1.23	0.88	37.93%	10%	250.60	12.19/17.04	11.9/0.08	3.27/1.68	5.02/1.68	5.04/0.28	223.93	89.36%
2.25	0.93	32.46%	20%	480.80	12.19/34.04	11.91/0.15	3.27/3.35	5.02/3.33	5.02/0.56	447.13	93.00%
5.31	0.97	20.36%	50%	1184.50	12.16/85.02	11.94/0.37	3.28/8.4	5.03/8.31	4.9/1.39	1114.60	94.10%
10.72	0.99	13.19%	100%	2430.90	12.1/145.19	11.99/0.74	3.29/16.78	5.05/16.58	4.84/2.78	2211.59	90.98%



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/>