

80 PLUS Verification and Testing Report

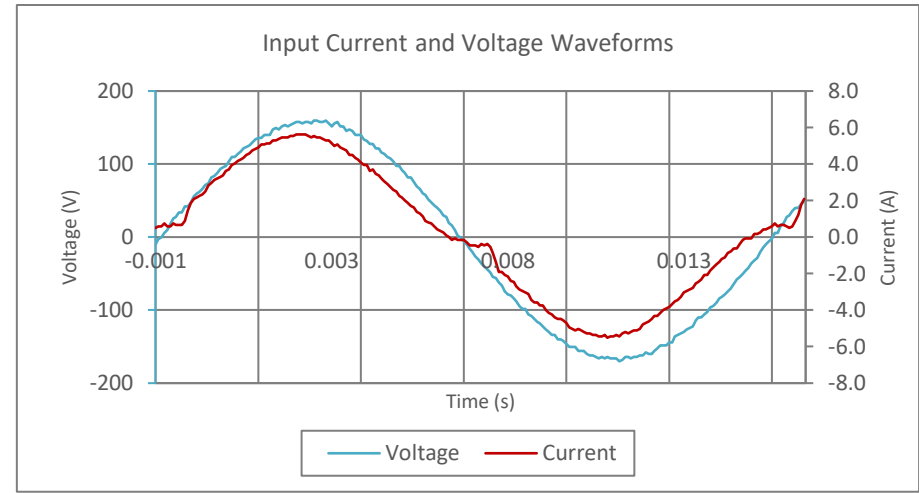
TYPICAL EFFICIENCY (50% Load):	90.83%
AVERAGE EFFICIENCY :	89.36%
80 PLUS COMPLIANT:	YES



ID Number	6688.1
Manufacturer	PREYON
Model Number	PEPG750W
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	10/14/21

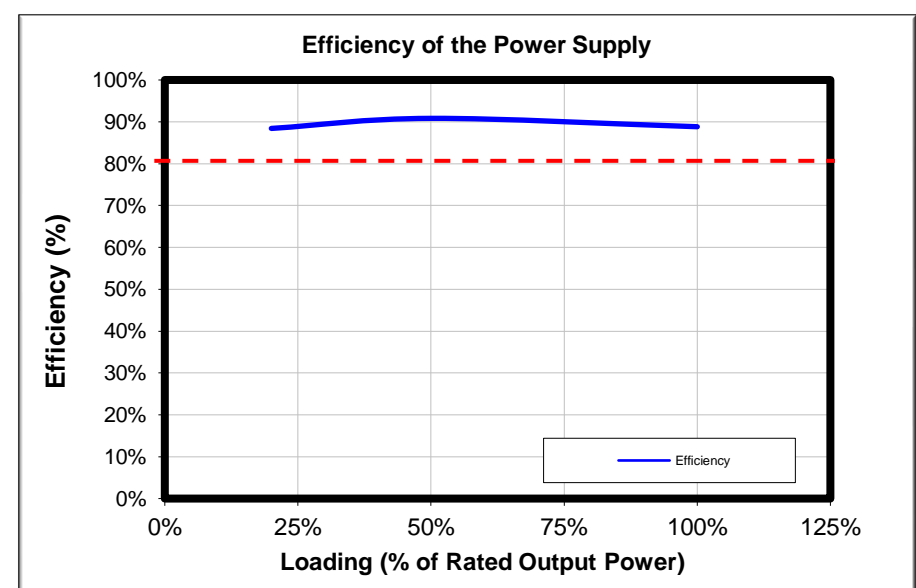
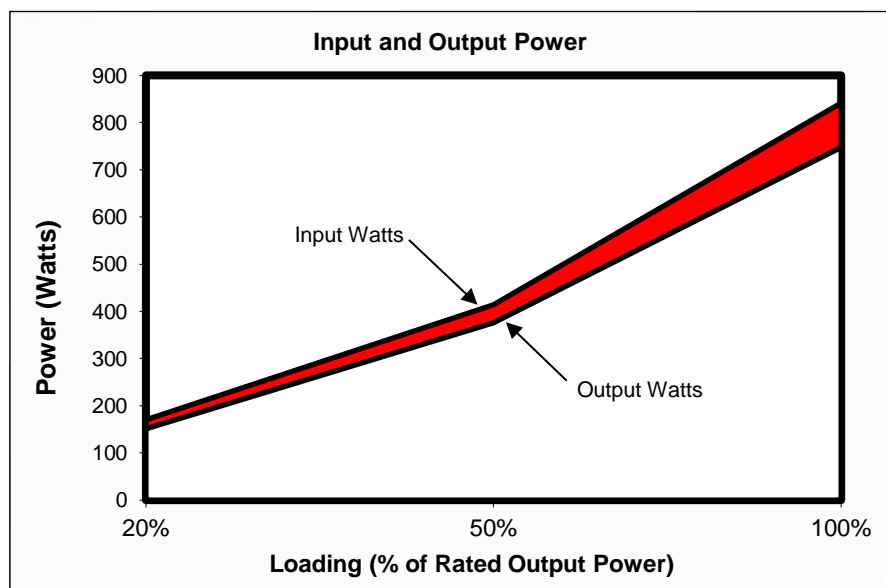
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 11.57%, 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		
0.81	0.97	10.42%	10%	89.94	11.99/5.28	11.88/0.03	3.4/1.22	5.12/1.22	5.1/0.25	75.38	83.82%
1.53	0.97	16.40%	20%	170.47	11.98/10.59	11.89/0.05	3.36/2.44	5.11/2.43	5.08/0.51	150.74	88.43%
3.64	0.99	11.57%	50%	413.70	11.97/26.49	11.93/0.13	3.27/6.11	5.08/6.05	5.04/1.27	375.78	90.83%
7.36	0.99	8.37%	100%	841.50	11.95/52.97	11.92/0.25	3.16/12.21	5.02/12.08	4.97/2.53	747.53	88.83%



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/>