

80 PLUS Verification and Testing Report

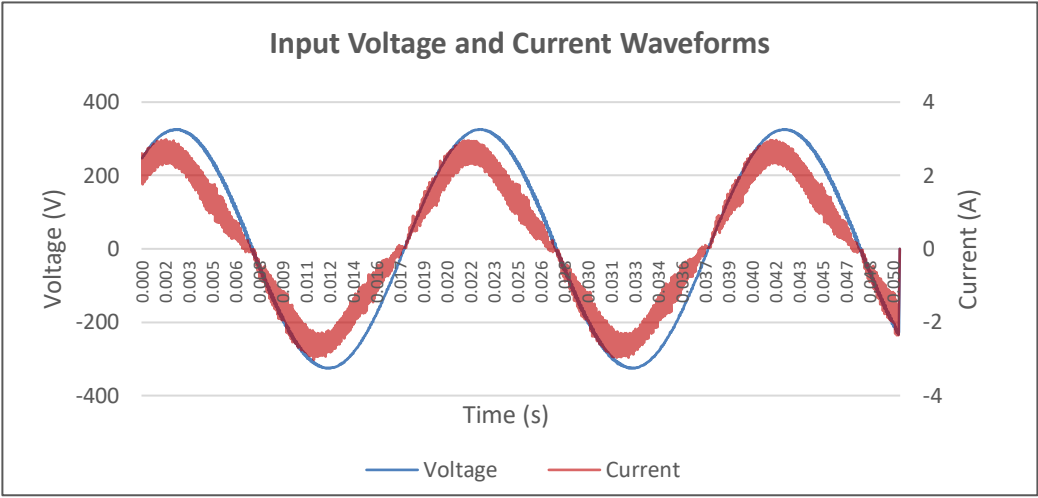
TYPICAL EFFICIENCY (50% Load):	89.45%
AVERAGE EFFICIENCY :	85.35%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1109
Manufacturer	POWERCASE
Model Number	PW700
Serial Number	N/A
Type	ATX12V
Test Date	10/16/24

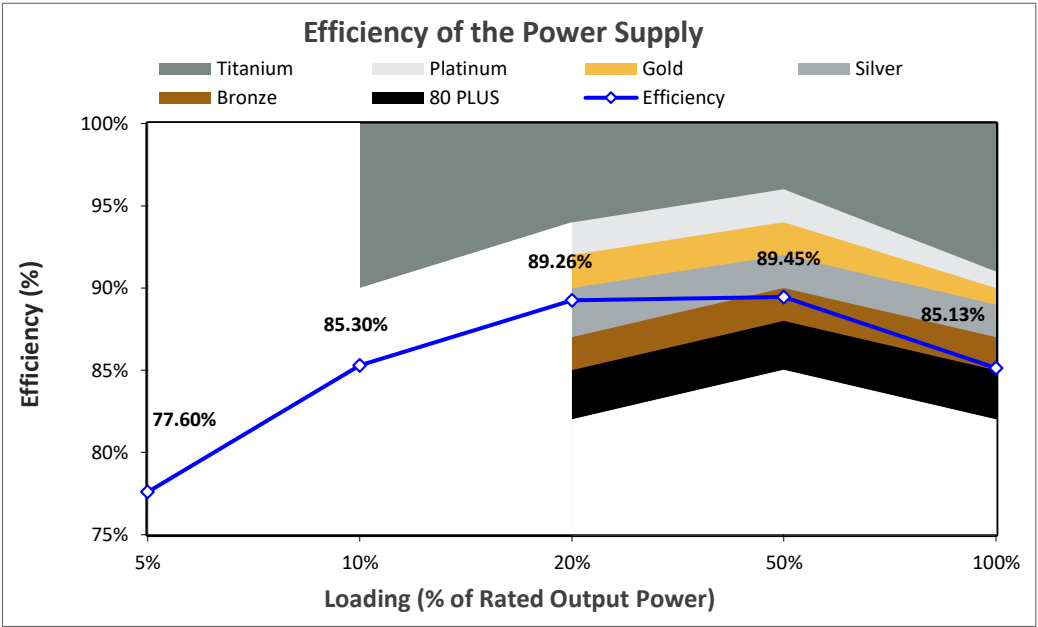
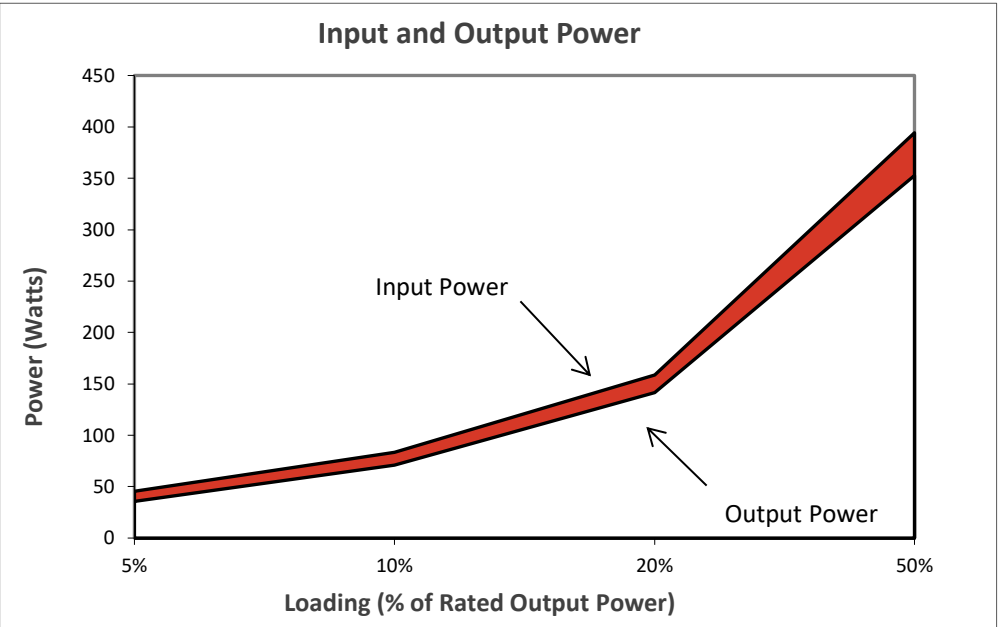
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 9.26%, 50% Load)

I _{RMS} (A)	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		
0.069	0.4234	38.11	0%	6.73	No-Load						
0.240	0.8298	19.02	5%	45.73	12.18/2.5	11.49/0.013	3.34/0.52	4.99/0.52	5.17/0.128	35.49	77.60%
0.399	0.9048	12.08	10%	83.16	12.18/4.99	11.5/0.026	3.33/1.03	4.98/1.03	5.16/0.257	70.93	85.30%
0.726	0.9501	9.52	20%	158.69	12.16/9.98	11.47/0.051	3.32/2.06	4.97/2.06	5.13/0.513	141.65	89.26%
1.751	0.9786	9.26	50%	394.27	12.12/24.94	11.55/0.128	3.29/5.15	4.94/5.15	5.06/1.284	352.68	89.45%
3.619	0.9876	7.52	100%	822.16	12.03/49.88	11.76/0.257	3.23/10.31	4.87/10.31	4.93/2.566	699.94	85.13%



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/>