

80 PLUS Verification and Testing Report

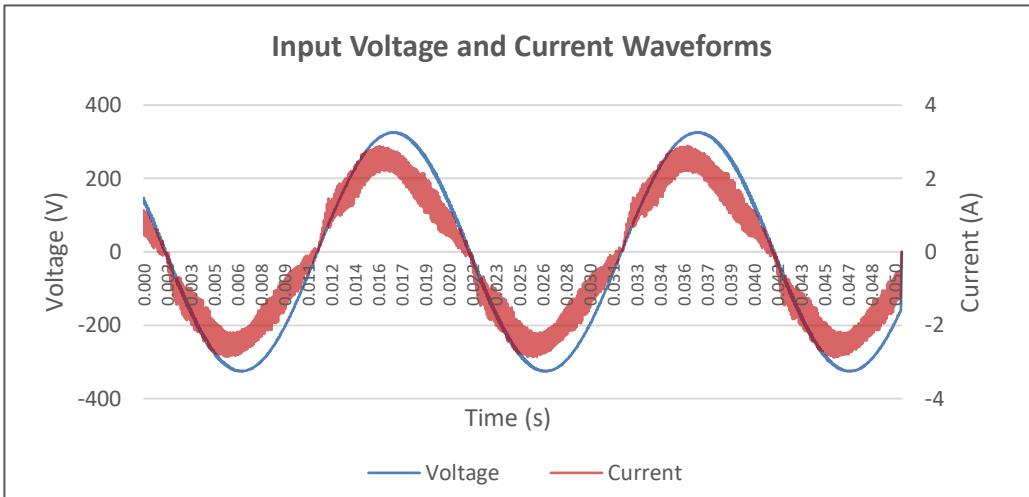
TYPICAL EFFICIENCY (50% Load):	89.89%
AVERAGE EFFICIENCY :	85.66%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1112
Manufacturer	POWERCASE
Model Number	PB700
Serial Number	N/A
Type	ATX12V
Test Date	10/16/24

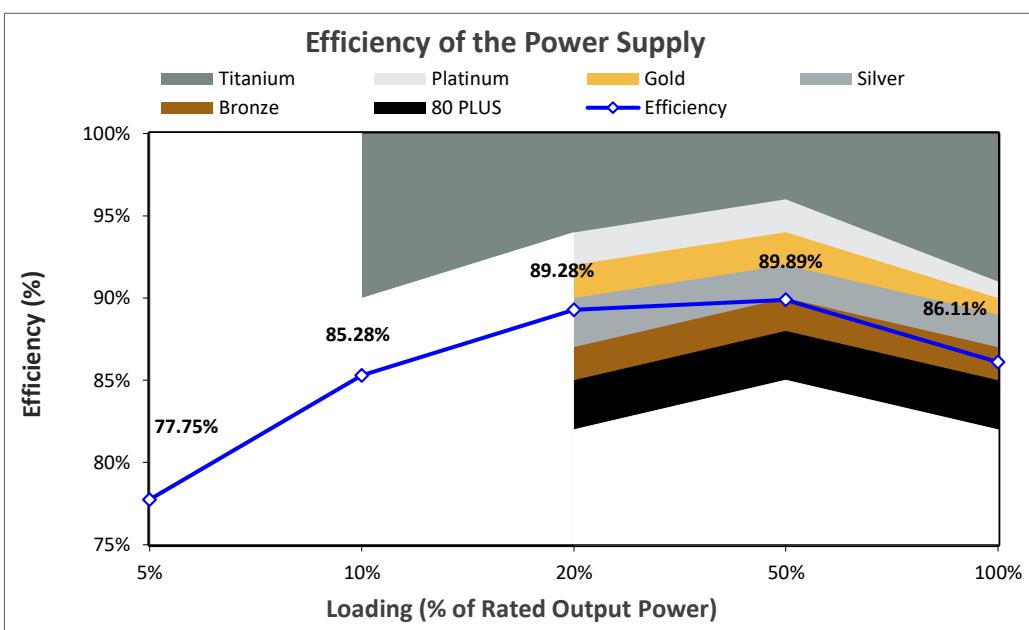
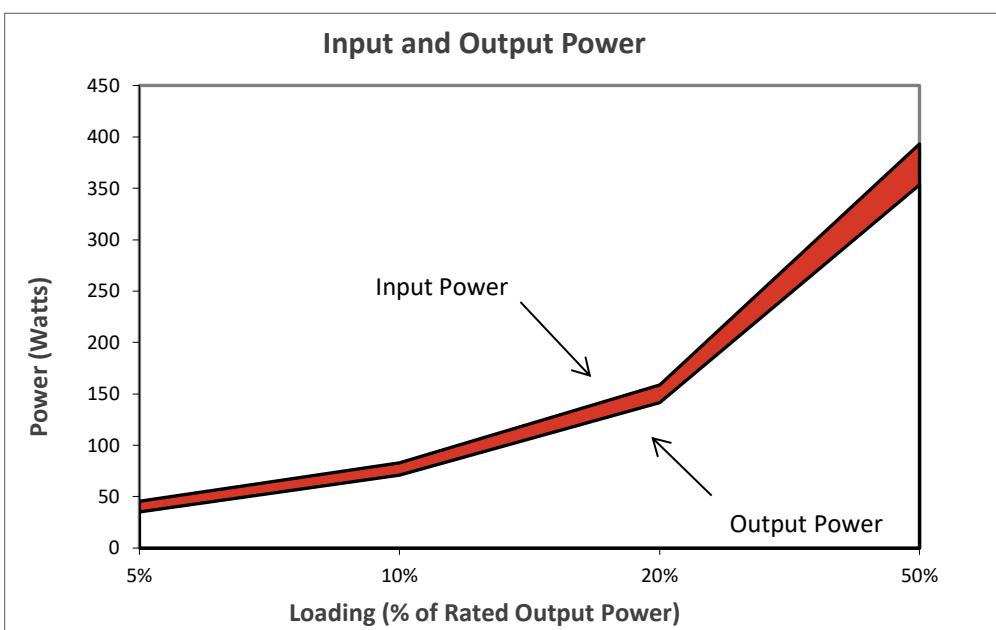
Rated Specifications		Value	Units
Input Voltage	200-240	Volts	
Input Current	6	Amps	
Input Frequency	50-60	Hz	
Rated Output Power	700	Watts	

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



Input AC Current Waveform (ITHD = 7.01%, 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	5VSB		
0.089	0.3354	38.35	0%	6.84	12.15/2.5	11.63/0.013	3.33/0.52	5.01/0.52	5.16/0.128	35.41	77.75%
0.288	0.6869	35.44	5%	45.54	12.15/4.99	11.68/0.026	3.33/1.03	5/1.03	5.15/0.257	70.81	85.28%
0.424	0.8522	22.98	10%	83.03	12.15/9.98	11.69/0.051	3.31/2.06	4.99/2.06	5.12/0.513	141.54	89.28%
0.740	0.9314	12.56	20%	158.54	12.15/24.94	11.7/0.128	3.27/5.15	4.95/5.15	5.05/1.284	353.33	89.89%
1.747	0.9781	7.01	50%	393.09	12.15/49.88	11.82/0.257	3.2/10.31	4.89/10.31	4.93/2.566	705.08	86.11%
3.594	0.9903	5.73	100%	818.80							



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/>