

80 PLUS Verification and Testing Report

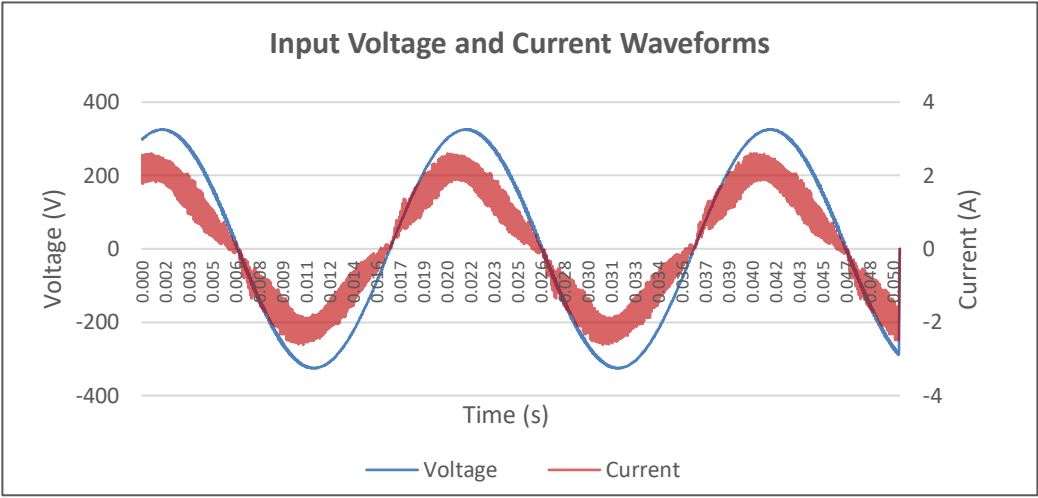
TYPICAL EFFICIENCY (50% Load):	89.96%
AVERAGE EFFICIENCY :	84.82%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1111
Manufacturer	POWERCASE
Model Number	PB600
Serial Number	N/A
Type	ATX12V
Test Date	10/16/24

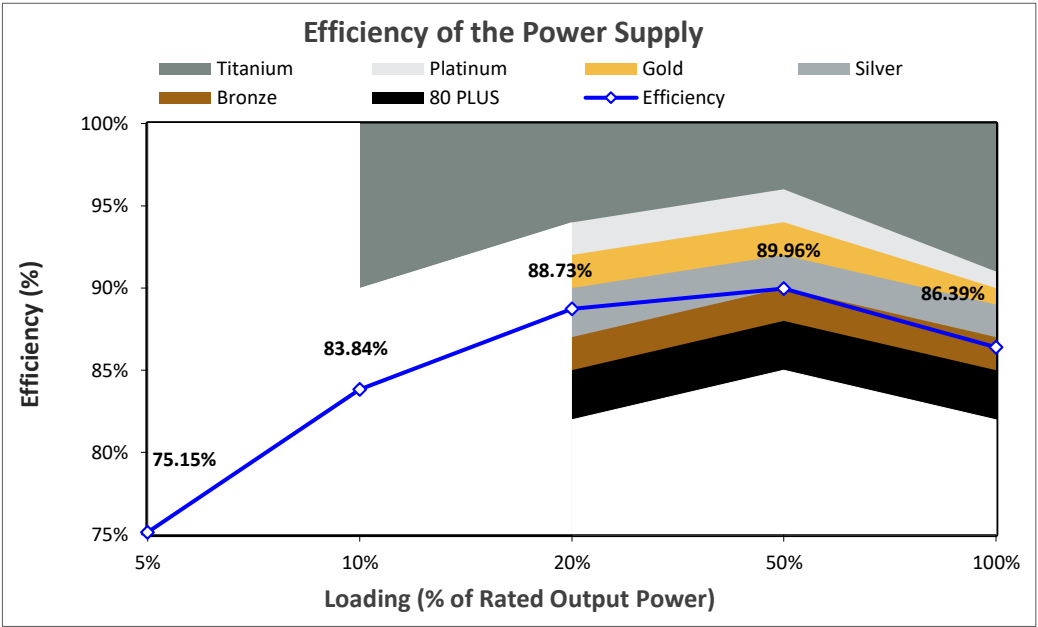
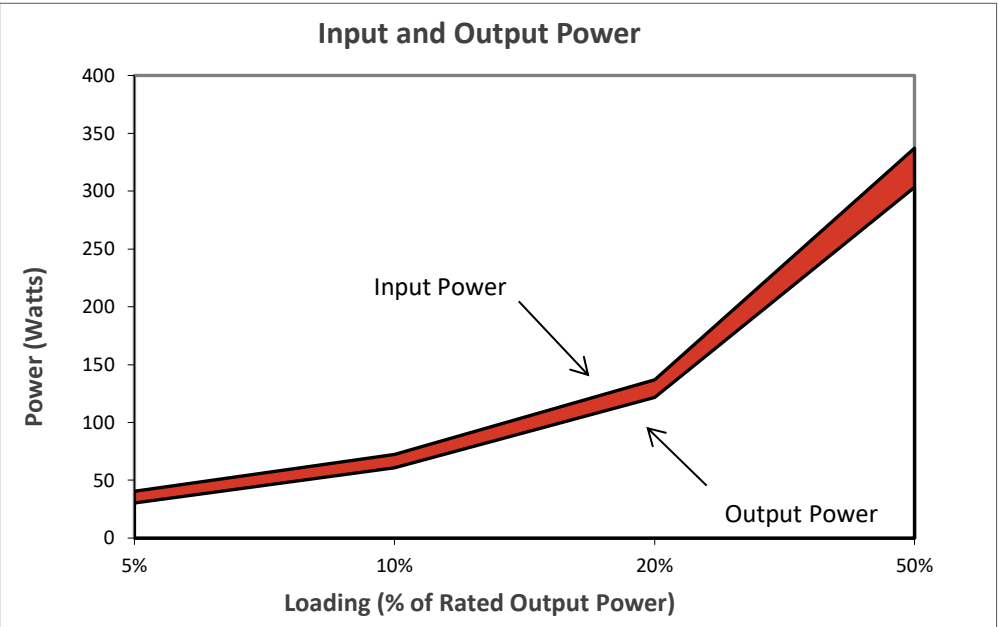
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 7.26%, 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			5VSB
0.089	0.3389	30.24	0%	6.96	No-Load							
0.236	0.7452	27.54	5%	40.44	12.17/2.09		11.54/0.013	3.35/0.5	4.98/0.5	5.16/0.125	30.40	75.15%
0.367	0.8593	16.80	10%	72.48	12.17/4.18		11.55/0.025	3.35/1.01	4.97/1.01	5.15/0.251	60.77	83.84%
0.643	0.9265	9.40	20%	136.92	12.17/8.35		11.54/0.05	3.34/2.01	4.95/2.01	5.12/0.501	121.49	88.73%
1.507	0.9730	7.26	50%	337.14	12.17/20.88		11.54/0.125	3.31/5.03	4.91/5.03	5.05/1.253	303.30	89.96%
3.078	0.9881	7.22	100%	699.69	12.16/41.75		11.7/0.251	3.25/10.06	4.84/10.06	4.93/2.504	604.49	86.39%



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/>