

80 PLUS Verification and Testing Report

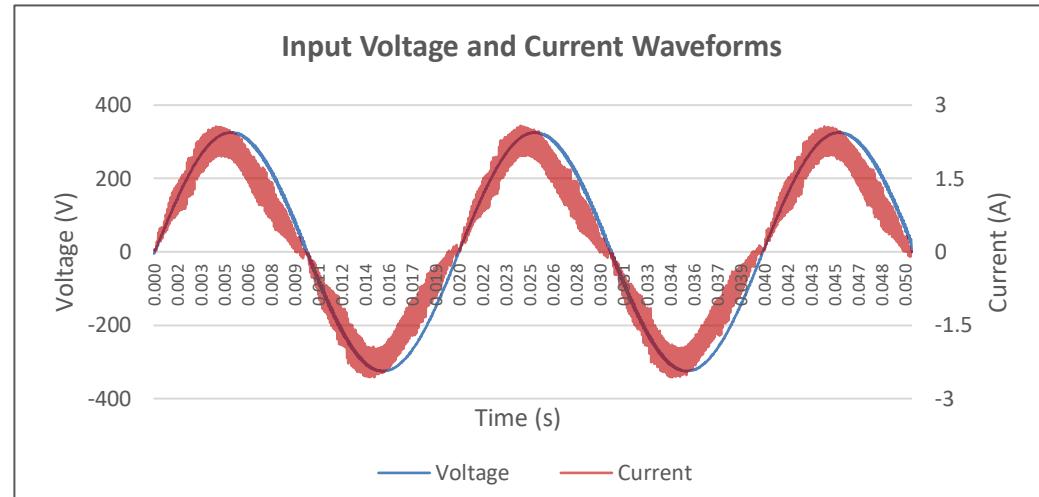
TYPICAL EFFICIENCY (50% Load):	89.42%
AVERAGE EFFICIENCY :	84.46%
80 PLUS COMPLIANT:	Bronze



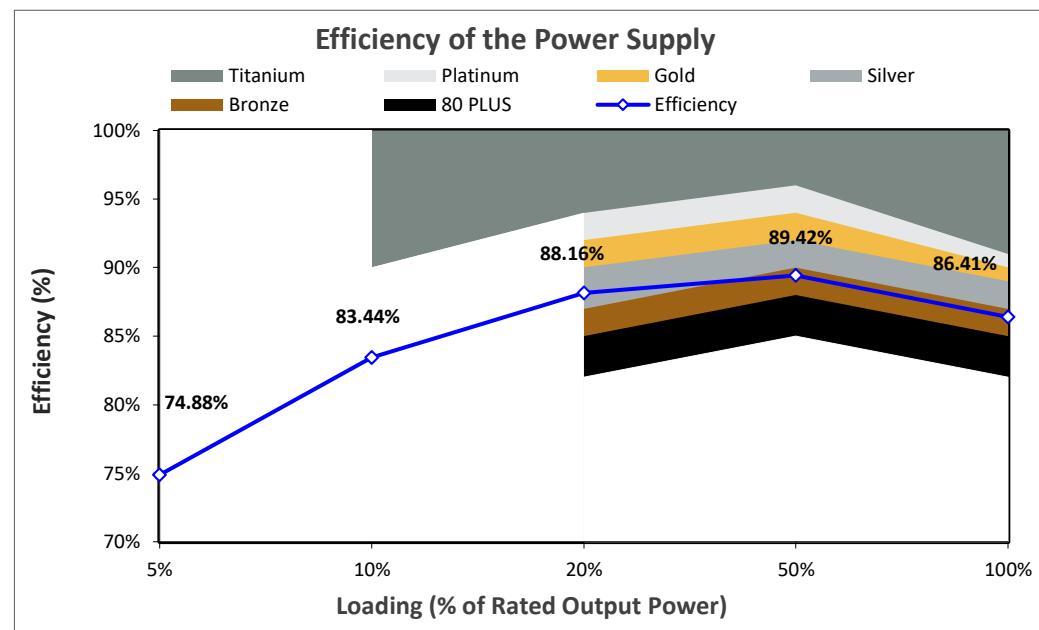
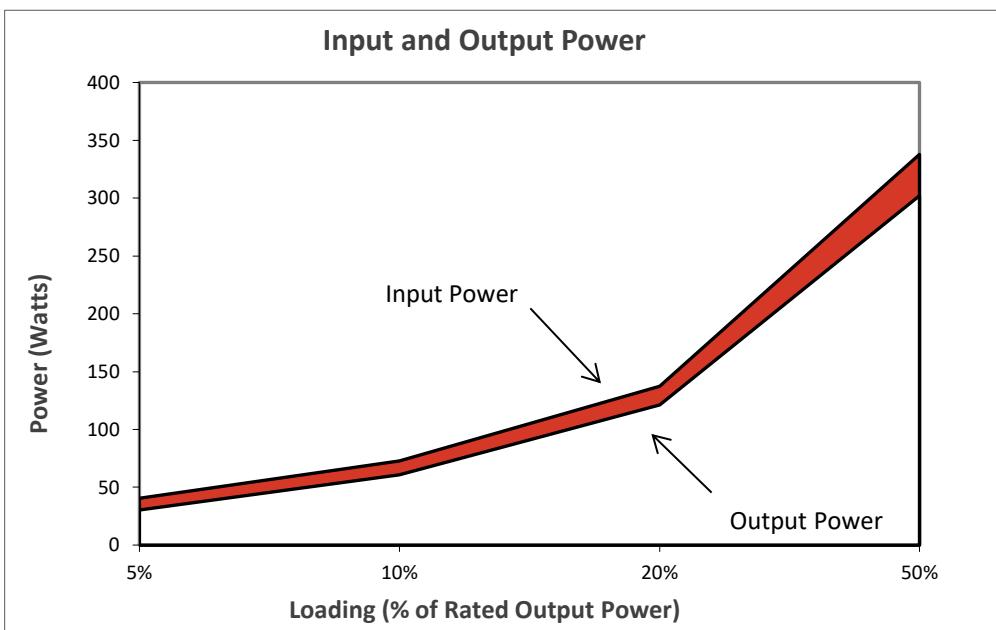
ID Number	EU-1108
Manufacturer	POWERCASE
Model Number	PW600
Serial Number	N/A
Type	ATX12V
Test Date	10/15/24

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.



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		
0.059	0.5092	48.49	0%	6.91	12.12/2.09	11.59/0.013	3.34/0.5	5.02/0.5	5.17/0.125	30.31	74.88%
0.211	0.8333	21.37	5%	40.48	12.12/4.18	11.63/0.025	3.34/1.01	5.01/1.01	5.16/0.251	60.60	83.44%
0.351	0.9004	14.40	10%	72.62	12.12/8.35	11.65/0.05	3.33/2.01	5/2.01	5.14/0.501	121.07	88.16%
0.631	0.9455	10.44	20%	137.34	12.11/20.88	11.64/0.125	3.29/5.03	4.96/5.03	5.07/1.253	302.10	89.42%
1.503	0.9772	8.97	50%	337.82	12.07/41.75	11.74/0.251	3.24/10.06	4.9/10.06	4.94/2.504	600.95	86.41%
3.061	0.9876	7.45	100%	695.47							



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/>