

80 PLUS Verification and Testing Report

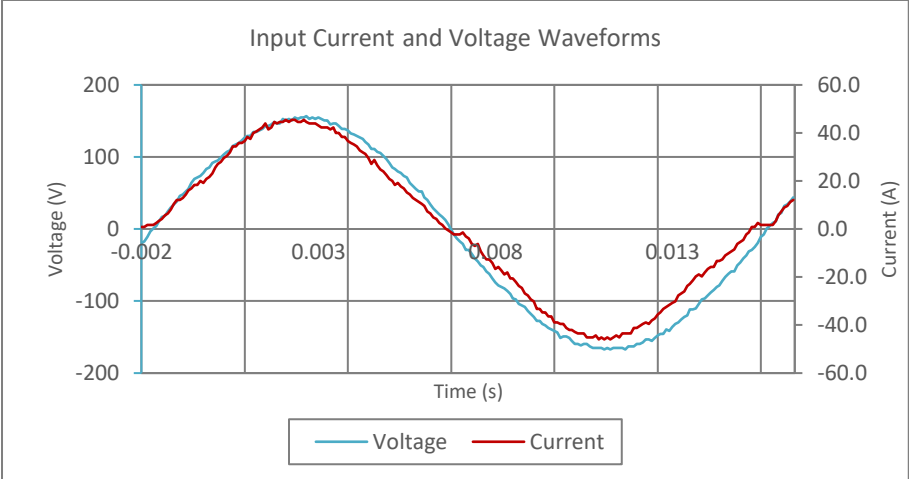
TYPICAL EFFICIENCY (50% Load):	87.52%
AVERAGE EFFICIENCY :	86.01%
80 PLUS COMPLIANT:	YES



ID Number	5968
Manufacturer	PCCOOLER
Model Number	GI-BR600
Serial Number	G200400000167
Year	2020
Type	ATX12V
Test Date	5/21/20

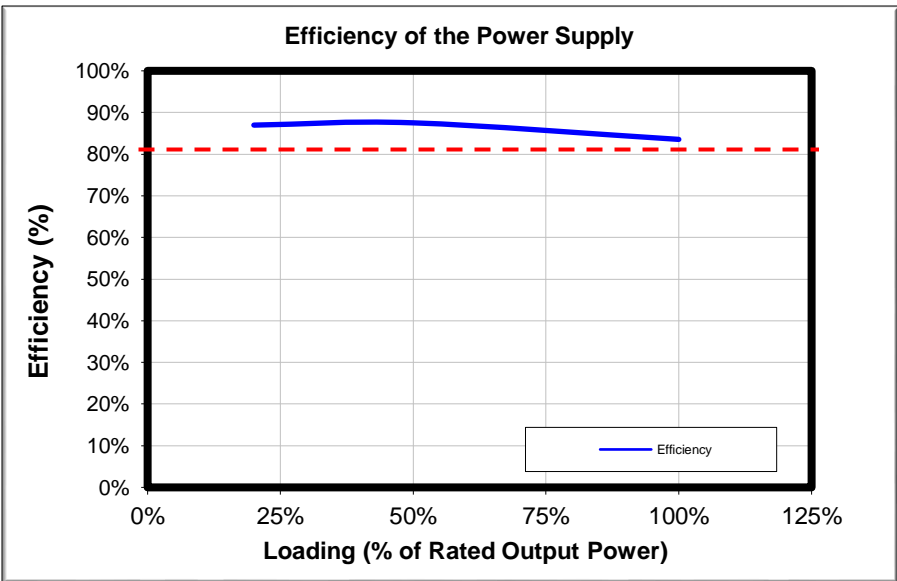
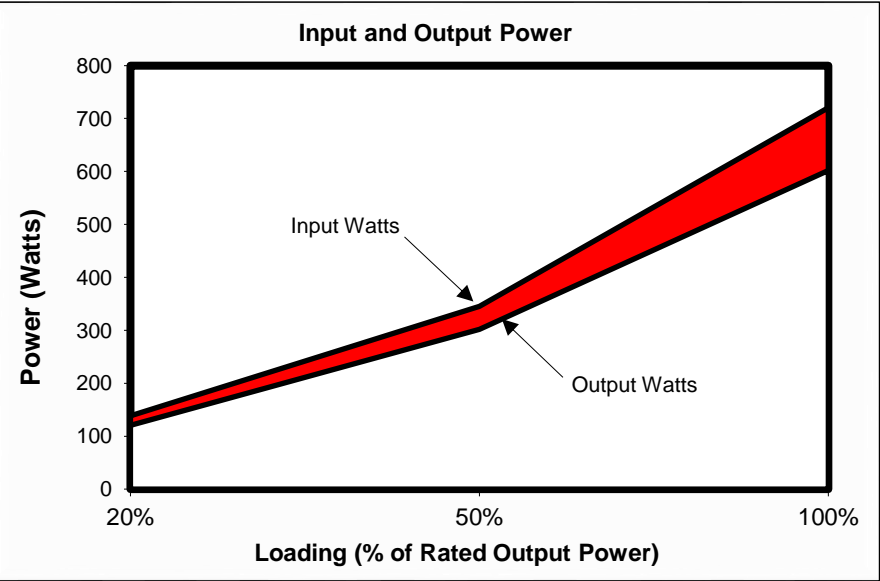
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 8.61%, 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		
0.64	0.98	10.26%	10%	72.64	11.98/4.08	11.71/0.03	3.4/1.25	5.16/1.12	5.07/0.22	60.38	83.12%
1.21	0.99	6.97%	20%	138.80	12/8.16	11.77/0.05	3.39/2.5	5.14/2.23	5.06/0.44	120.71	86.97%
3.02	1.00	8.61%	50%	345.10	12/20.44	11.89/0.13	3.37/6.26	5.11/5.55	5.01/1.11	302.02	87.52%
6.32	0.99	11.50%	100%	720.60	12.01/40.82	12.09/0.27	3.33/12.54	5.05/11.09	4.94/2.21	601.98	83.54%



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/>

