

80 PLUS Verification and Testing Report

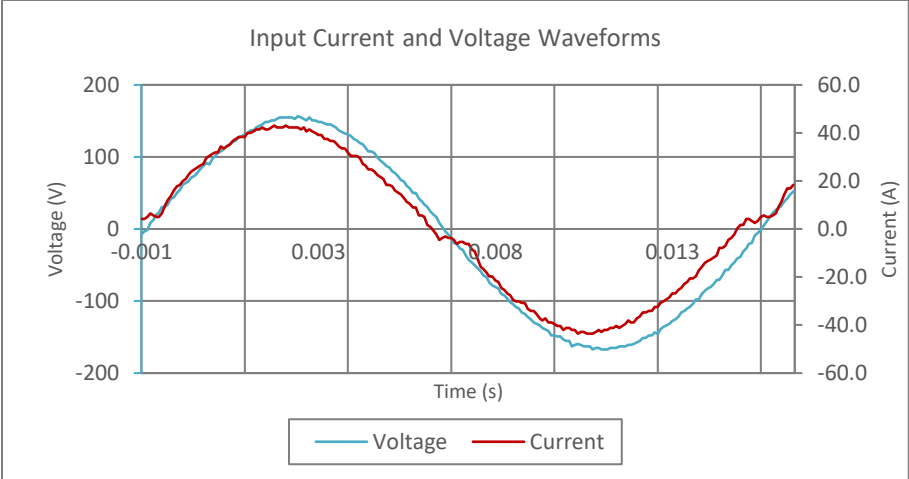
TYPICAL EFFICIENCY (50% Load):	90.65%
AVERAGE EFFICIENCY :	89.32%
80 PLUS COMPLIANT:	YES



ID Number	5876
Manufacturer	PCCOOLER
Model Number	GI-K600
Serial Number	N/A
Year	2020
Type	EPS12V
Test Date	1/29/20

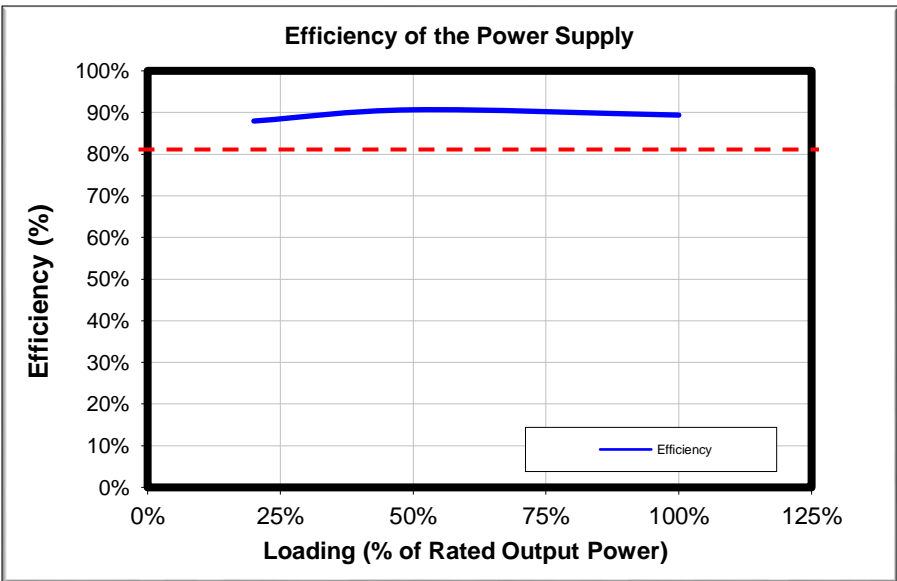
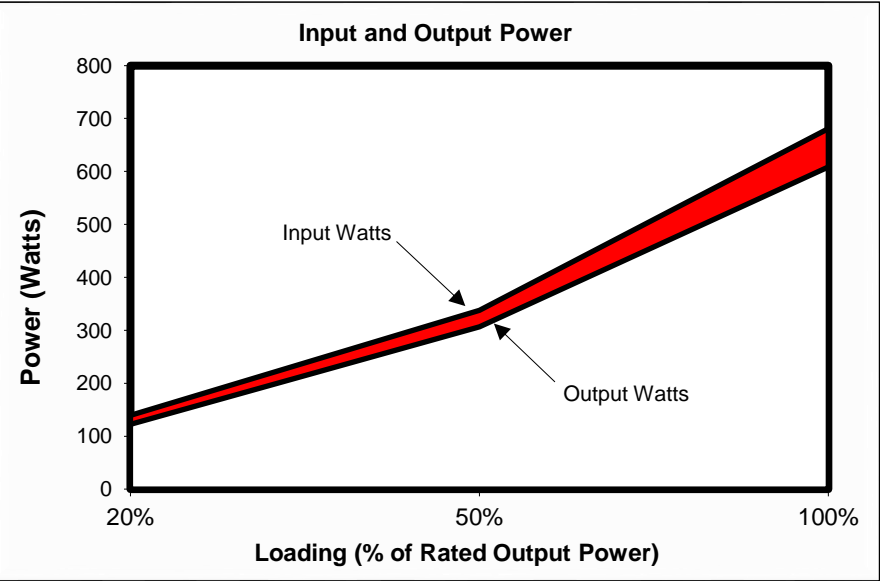
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 6.2%, 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		
0.70	0.94	10.40%	10%	74.92	12.24/4.19	12.47/0.03	3.42/1.01	5.09/1.01	5.16/0.21	61.33	81.86%
1.25	0.97	10.62%	20%	139.62	12.24/8.41	12.34/0.05	3.41/2.02	5.08/2.01	5.14/0.42	122.79	87.94%
2.96	0.99	6.20%	50%	337.80	12.21/21.05	12.11/0.13	3.39/5.04	5.05/5.01	5.1/1.05	306.21	90.65%
5.94	1.00	3.69%	100%	681.00	12.15/42.08	12.26/0.25	3.36/10.1	4.99/9.99	5.02/2.09	608.62	89.37%



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/>

