

# 80 PLUS Verification and Testing Report

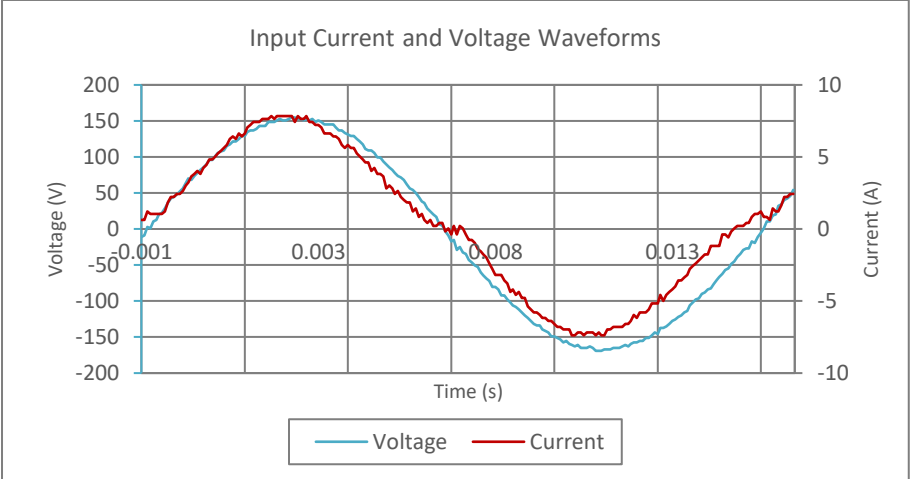
TYPICAL EFFICIENCY (50% Load):	91.62%
AVERAGE EFFICIENCY :	90.62%
80 PLUS COMPLIANT:	YES



ID Number	5063.5
Manufacturer	Beijing Deepcool Industries Co., Ltd.
Model Number	DQ1000-F21
Serial Number	N/A
Year	2017
Type	ATX12V, EPS12V
Test Date	9/22/17

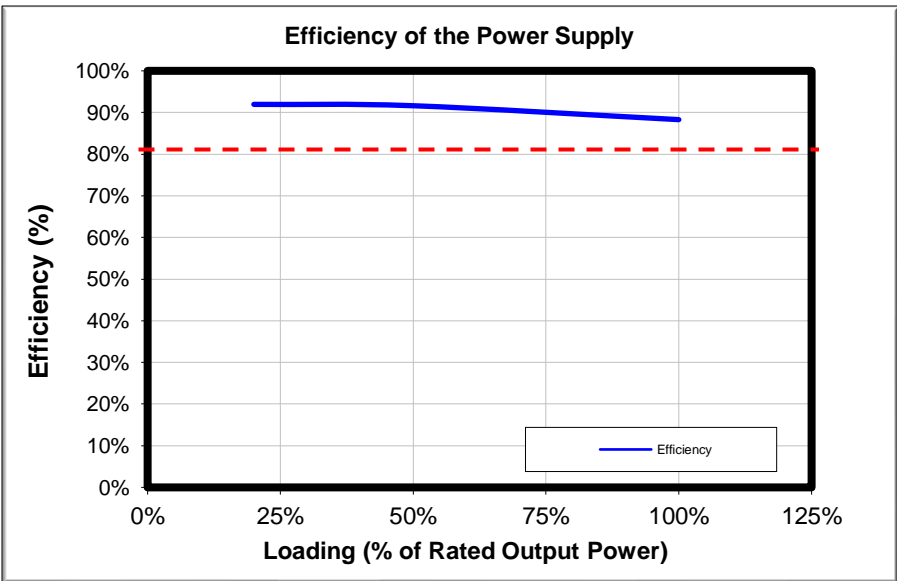
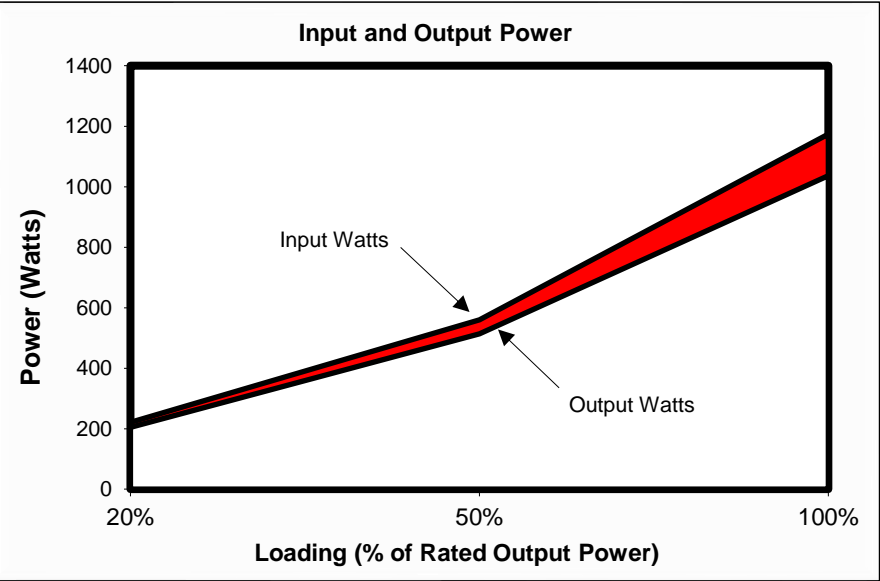
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 10.911%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
1.04	0.95	6.96%	10%	113.78	12.15/7.29	12.3/0.03	3.33/1.32	5.03/1.32	5.12/0.26	101.23	88.97%
1.97	0.98	8.22%	20%	221.35	12.2/14.61	12.31/0.05	3.32/2.64	5.03/2.62	5.11/0.53	203.53	91.95%
4.93	0.99	10.91%	50%	560.13	12.31/36.58	12.43/0.13	3.3/6.61	5.02/6.56	5.07/1.32	513.18	91.62%
10.28	0.99	9.54%	100%	1173.72	12.51/72.88	13.29/0.26	3.33/13.24	5.01/13.07	5.01/2.63	1036.22	88.29%



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/>