

80 PLUS Verification and Testing Report

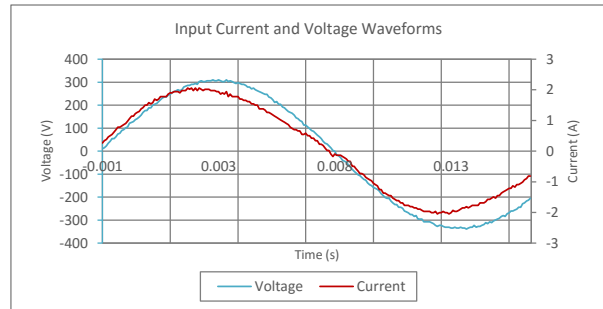
TYPICAL EFFICIENCY (50% Load):	87.17%
AVERAGE EFFICIENCY :	85.63%
80 PLUS COMPLIANT:	YES



ID Number	EU-352
Manufacturer	Beijing Deepcool Industries Co., Ltd
Model Number	DN550
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	10/3/17

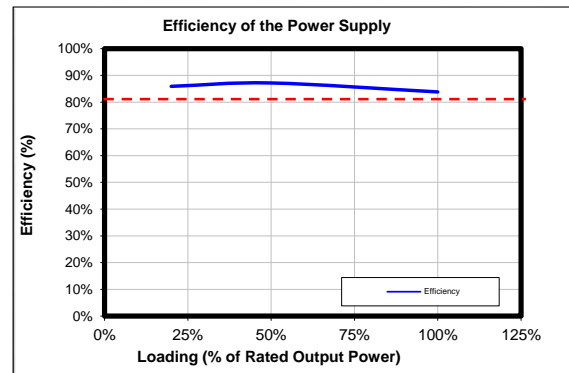
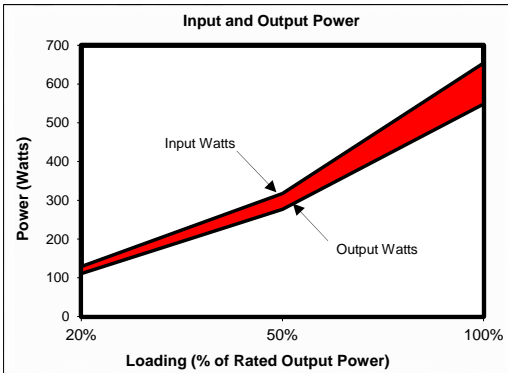
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 6.35%, 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		
0.44	0.68	68.46%	10%	68.75	12.04/3.66	11.74/0.03	3.39/1.16	5.18/1.16	5.08/0.22	55.47	80.69%
0.62	0.90	39.73%	20%	129.12	12.04/7.35	11.79/0.05	3.38/2.31	5.16/2.3	5.06/0.44	110.92	85.91%
1.39	0.99	6.35%	50%	317.43	12.03/18.38	11.92/0.13	3.34/5.77	5.11/5.73	5/1.09	276.71	87.17%
2.87	0.99	7.54%	100%	654.15	11.99/36.62	12.21/0.26	3.29/11.54	5.02/11.48	4.9/2.18	548.32	83.82%



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/>

