

# 80 PLUS Verification and Testing Report

**TYPICAL EFFICIENCY (50% Load):**  
**AVERAGE EFFICIENCY :**  
**80 PLUS COMPLIANT:**

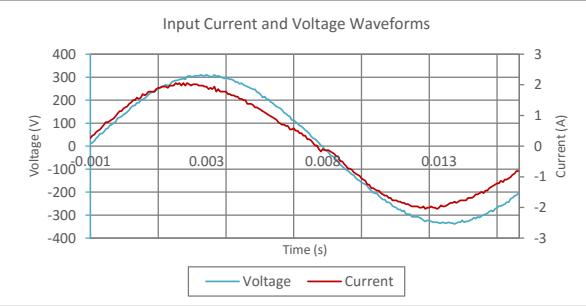
**87.17%**  
**85.63%**  
**YES**



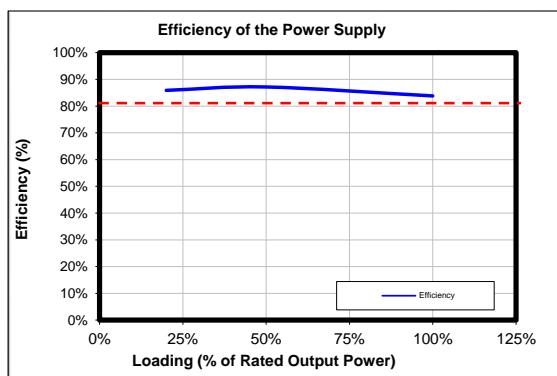
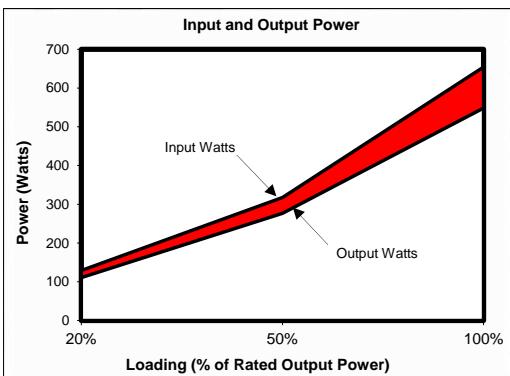
<b>ID Number</b>	EU-352
<b>Manufacturer</b>	Beijing Deepcool Industries Co.,Ltd
<b>Model Number</b>	DN550
<b>Serial Number</b>	N/A
<b>Year</b>	2017
<b>Type</b>	ATX12V
<b>Test Date</b>	10/3/17

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

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



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		
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/>

