

# 80 PLUS Verification and Testing Report

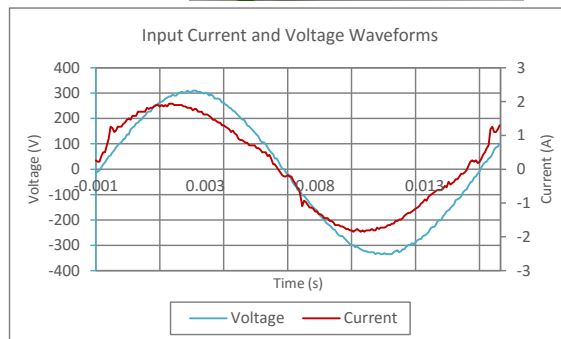
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.77%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.47%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	SO-1350
<b>Manufacturer</b>	Shenzhen Honor Electronic Co.,Ltd
<b>Model Number</b>	U1A-D10550-DRB-E
<b>Serial Number</b>	N/A
<b>Year</b>	2017
<b>Type</b>	OTHER
<b>Test Date</b>	01/04/18

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

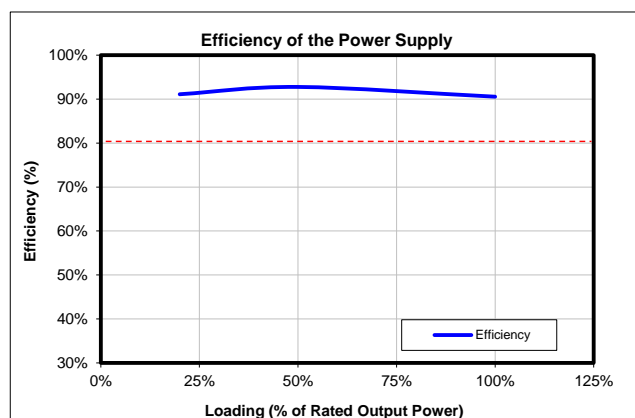
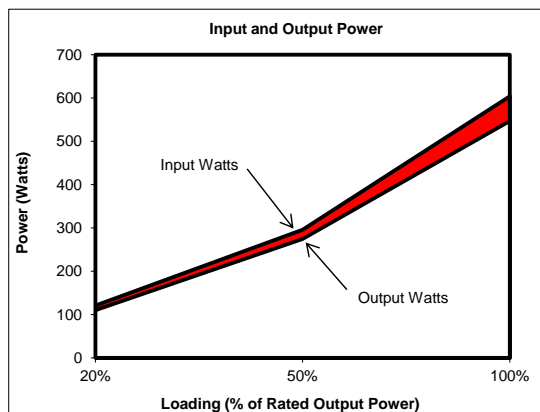
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 8.55%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12V	12Vsb		
0.37	0.77	14.96%	10%	Low	65	13.08	12.07/4.39	11.97/0.21	55	85.26%
0.61	0.87	16.41%	20%	Light	121	12.96	12/8.78	11.96/0.41	110	91.11%
1.34	0.96	8.55%	50%	Typical	296	12.96	11.94/21.95	11.92/1.03	274	92.77%
2.69	0.98	5.58%	100%	Full	604	12.96	11.91/43.9	11.84/2.06	547	90.55%

\* Fan power is not included in the efficiency calculations



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/>

