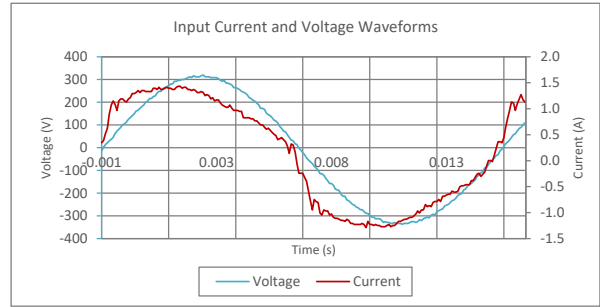


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.28%
AVERAGE EFFICIENCY :	88.54%
80 PLUS COMPLIANT:	YES



ID Number	SO-1417
Manufacturer	Shenzhen Honor Electronic Co.,Ltd
Model Number	R1A-KH0400
Serial Number	N/A
Year	2018
Type	1U,OTHER,ATX
Test Date	7/23/18

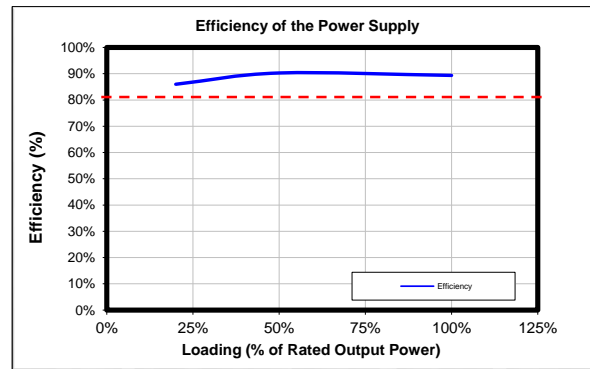
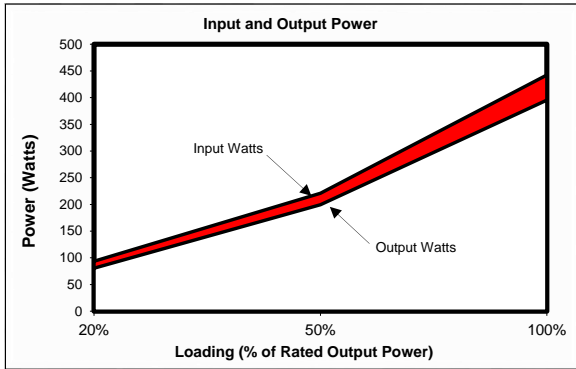


Input AC Current Waveform (ITHD = 16.43%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.3	Amps
Input Frequency	50/60	Hz
Rated Output Power	400	Watts

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

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.)						
0.32	0.71	15.77%	10%	52.36	12.05/2.51	12.02/0.04	3.37/1.01	5.12/1.01	4.96/0.23	40.41	77.18%
0.49	0.83	18.87%	20%	93.59	11.97/5.03	12.02/0.08	3.37/2.01	5.14/2	4.95/0.46	80.48	85.99%
1.02	0.94	16.43%	50%	220.96	11.86/12.58	12.03/0.19	3.35/5.03	5.12/4.99	4.9/1.14	199.48	90.28%
1.97	0.98	8.46%	100%	442.40	11.78/25.13	12.04/0.38	3.3/10.07	5.08/9.96	4.82/2.28	395.33	89.36%



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/>

