

# 80 PLUS Verification and Testing Report

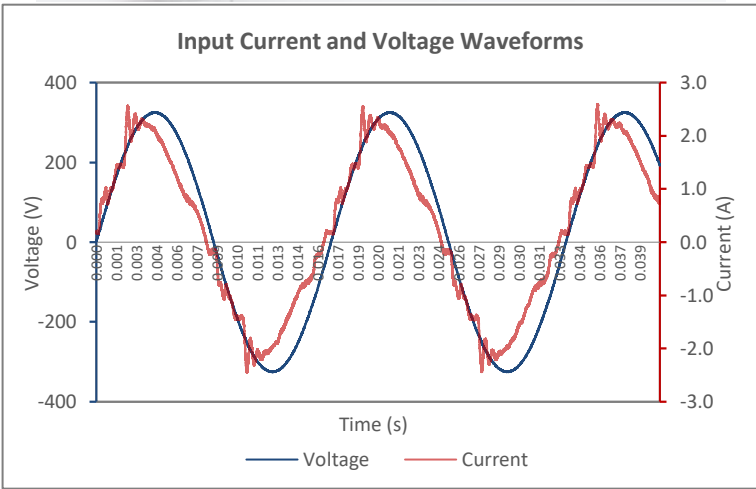
TYPICAL EFFICIENCY (50% Load):	94.91%
AVERAGE EFFICIENCY :	94.02%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2241
Manufacturer	Shenzhen Honor Electronic Co.,Ltd
Model Number	PSR600-54A-B
Serial Number	N/A
Year	2023
Type	1U
Test Date	03/22/23

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4	Amps
Input Frequency	50/60	Hz
Rated Output Power	616	Watts

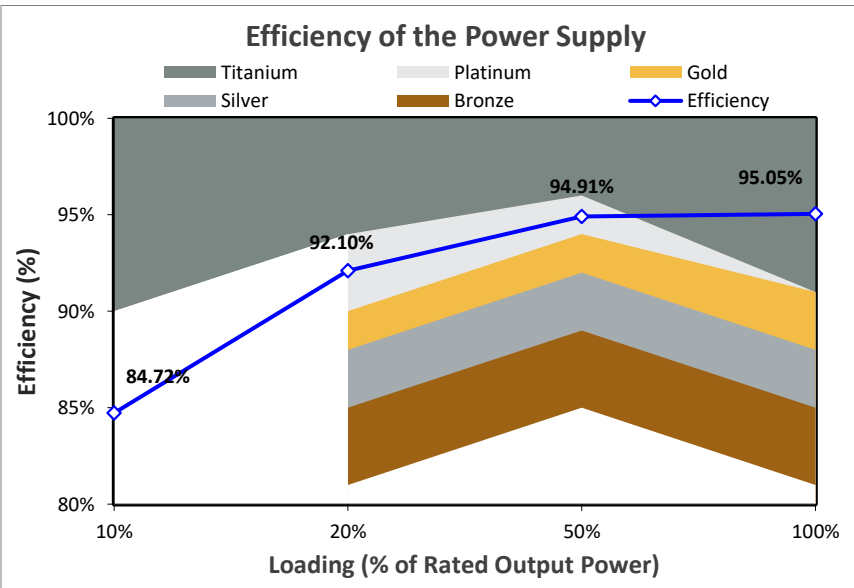
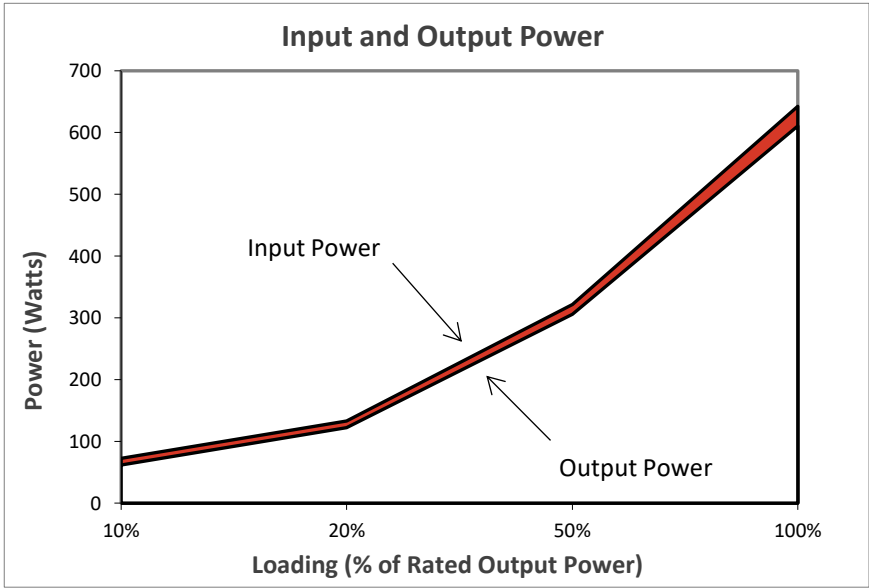
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 12.79%, 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
							56V		
0.398	0.7967	17.218	10%	Low	72.84	0.35	55.58/1.11	61.71	84.72%
0.633	0.9105	18.486	20%	Light	132.64	0.35	55.56/2.2	122.16	92.10%
1.449	0.9661	12.790	50%	Typical	321.94	0.35	55.52/5.5	305.54	94.91%
2.836	0.9851	4.895	100%	Full	642.50	1.20	55.46/11.01	610.67	95.05%

\* 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/>