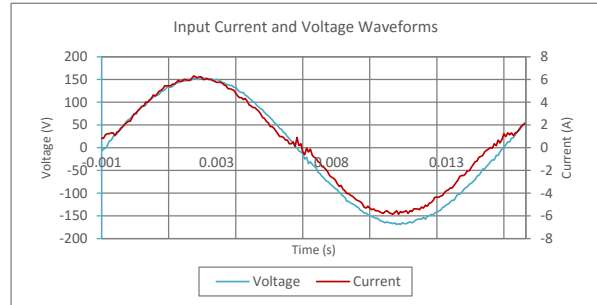


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.57%
AVERAGE EFFICIENCY :	91.44%
80 PLUS COMPLIANT:	YES



ID Number	5010
Manufacturer	HIGH POWER ELECTRONIC CO., LTD
Model Number	GP850B-OCPT
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	8/9/17

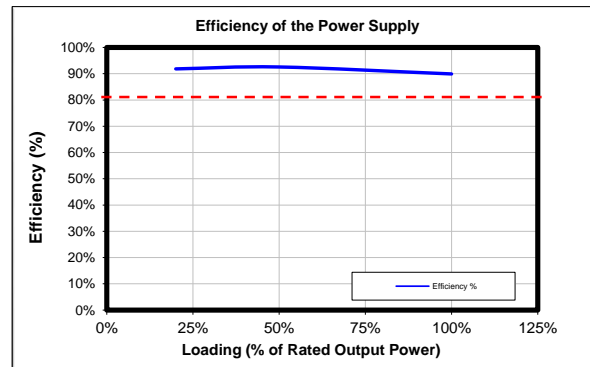
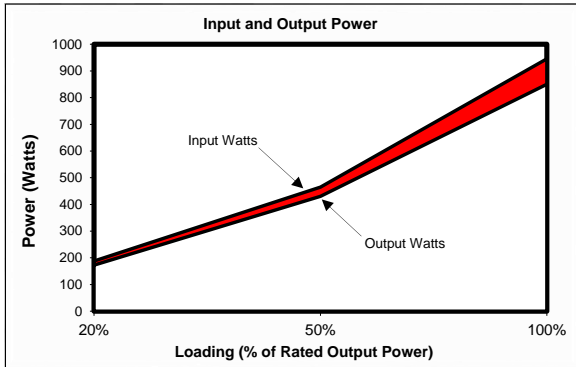


Input AC Current Waveform (ITHD = 6.064%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
					12V (cumulative of 12V1, 12V2, etc.)						
1.04	0.82	12.95%	10%	97.99	12.2/6.01	-12V	3.3V	5V	5Vs	86.40	88.17%
1.83	0.89	10.54%	20%	187.96	12.18/12.03	11.55/0.05	3.35/2.66	4.98/2.64	4.96/0.68	172.63	91.84%
4.14	0.98	6.06%	50%	464.63	12.14/30.1	11.9/0.13	3.32/6.66	4.95/6.61	4.91/1.7	430.10	92.57%
8.28	0.99	4.74%	100%	945.43	12.06/59.9	12.1/0.26	3.27/13.34	4.9/13.17	4.83/3.4	850.07	89.91%



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/>

