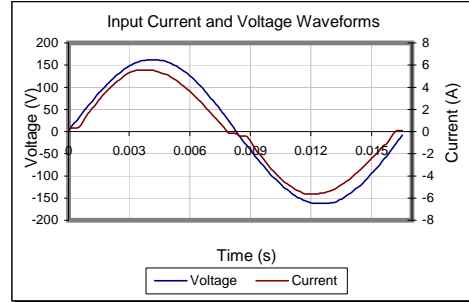


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	83.33%
AVERAGE EFFICIENCY :	81.42%
80 PLUS COMPLIANT:	YES



Ecos ID #	1752
Manufacturer	HIGH POWER ELECTRONICS CO., LTD.
Model Number	HPC-350-G12S/14S(C)
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	11/24/2009

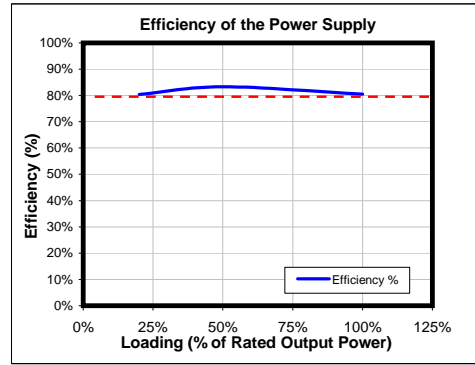
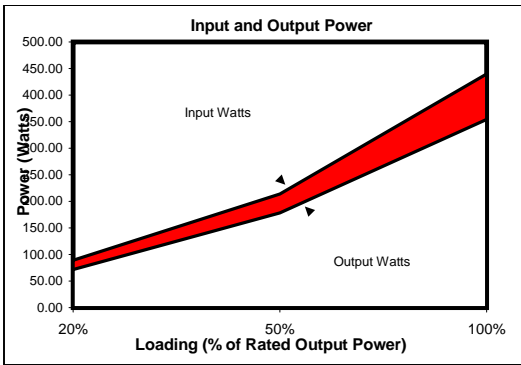


Input AC Current Waveform (ITHD = 13.03%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
0.79	0.9731	18.71%	20%	Light	88.90	12.3/3.9						
1.88	0.9886	13.03%	50%	Typical	213.90	12.3/9.7					178.25	83.33%
3.84	0.9932	10.09%	100%	Full	440.00	12.3/19.4					354.39	80.54%



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/>

