

80 PLUS Verification and Testing Report

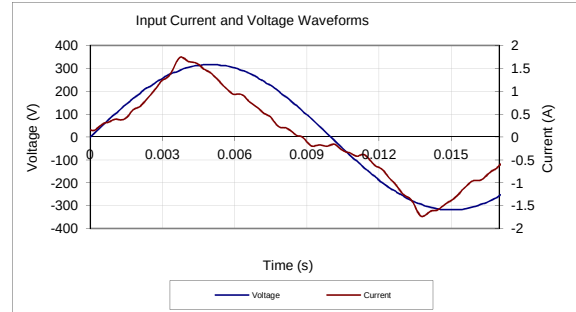
TYPICAL EFFICIENCY (50% Load):	87.67%
AVERAGE EFFICIENCY :	86.14%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-111
Manufacturer	COUGAR
Model Number	STX350
Serial Number	N/A
Year	2015
Type	ATX12V&EPS12V
Test Date	4/30/15

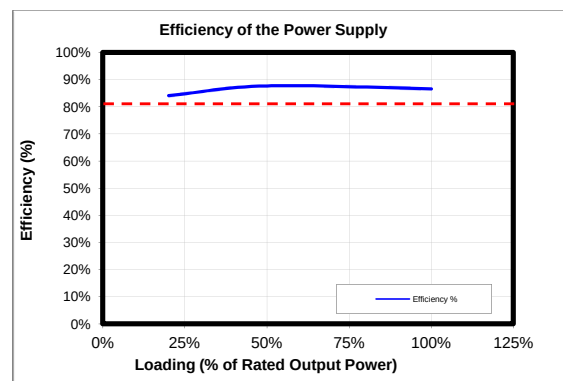
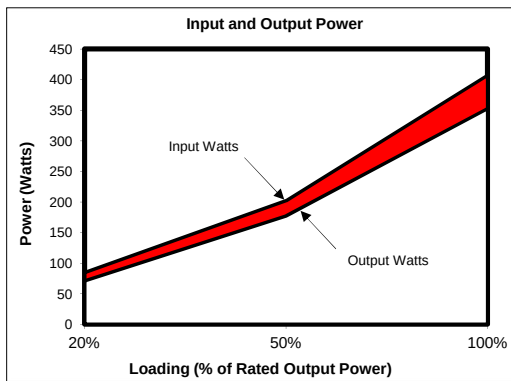
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	50	Hz
Rated Output Power	350	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (I_{THD} = 26.06%, 50% Load)

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.)	-12V	3.3V	5V	5Vsb		
0.26	0.78	33.89%	10%	46.07	12.15/2.15	12.11/0.02	3.38/1.15	5.09/0.82	5.05/0.23	35.56	77.18%
0.42	0.88	31.70%	20%	84.57	12.15/4.29	12.11/0.05	3.38/2.29	5.08/1.64	5.04/0.46	71.15	84.14%
0.94	0.94	26.06%	50%	202.19	12.13/10.75	12.12/0.11	3.36/5.73	5.05/4.06	5/1.15	177.25	87.67%
1.85	0.96	21.77%	100%	407.40	12.1/21.49	12.14/0.23	3.33/11.43	5.02/8.13	4.93/2.29	352.86	86.61%



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/>

