

80 PLUS Verification and Testing Report

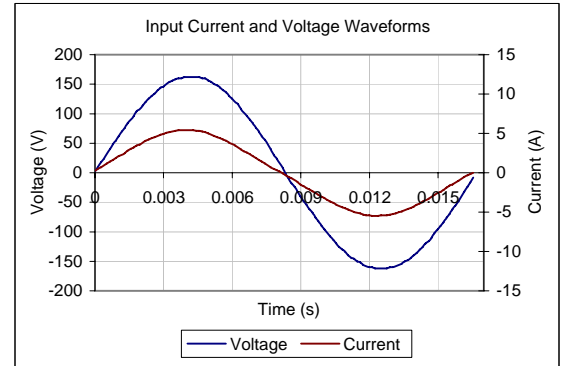


TYPICAL EFFICIENCY (50% Load):	83.29%
AVERAGE EFFICIENCY :	81.75%
80 PLUS COMPLIANT:	YES

Ecos ID #	853
Manufacturer	FSP
Model Number	FSP350-70MU
Serial Number	NA
Year	2008
Type	EPS1U
Test Date	8/1/2008

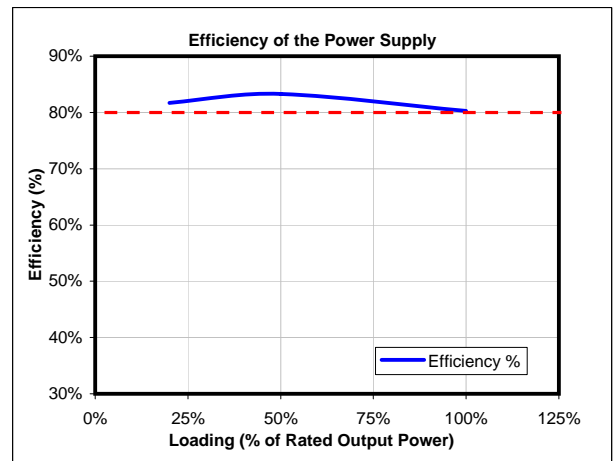
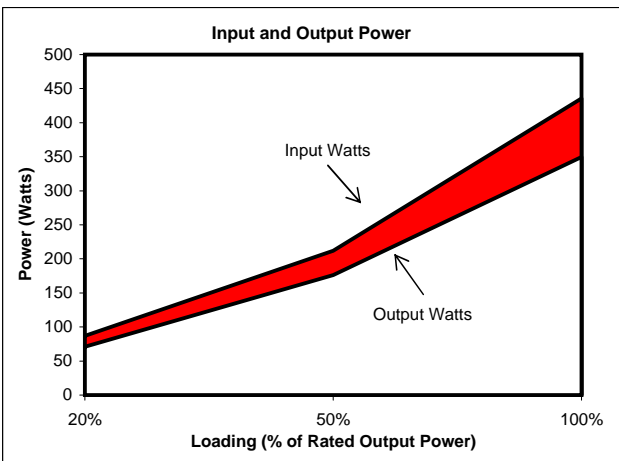
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	350	Watts

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



Input AC Current Waveform (ITHD = 5.76%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of 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		
0.77	0.99	6.5%	20%	Light	87	12.2/3.4	11.6/0.1	3.3/2.9	5.1/3.3	5.1/0.5	71	81.69%
1.85	0.99	5.8%	50%	Typical	212	12.2/8.4	11.7/0.2	3.3/7.3	5/8.2	5.1/1.2	176	83.29%
3.79	1.00	4.4%	100%	Full	435	12.1/16.8	11.8/0.5	3.3/14.5	4.9/16.3	5/2.5	350	80.27%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.

Tested by Electric Power Research Institute, Knoxville, TN.

