

80 PLUS Verification and Testing Report

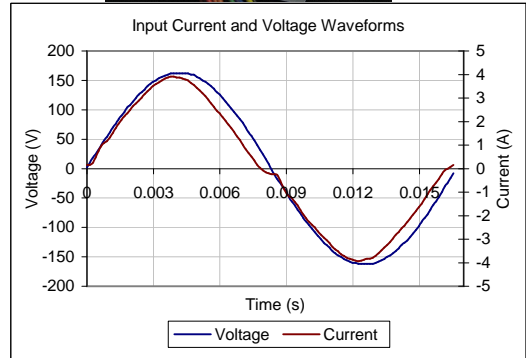


TYPICAL EFFICIENCY (50% Load):	86.00%
AVERAGE EFFICIENCY :	84.40%
80 PLUS COMPLIANT:	YES

Ecos ID #	875.1
Manufacturer	DYNAPOWER USA
Model Number	TC-1U25P80
Serial Number	NA
Year	2008
Type	1U
Test Date	8/29/2008

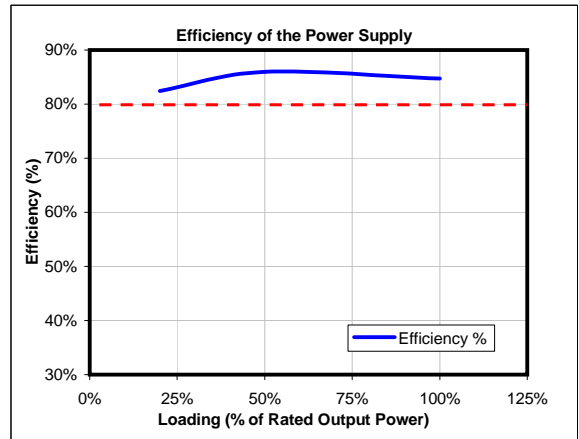
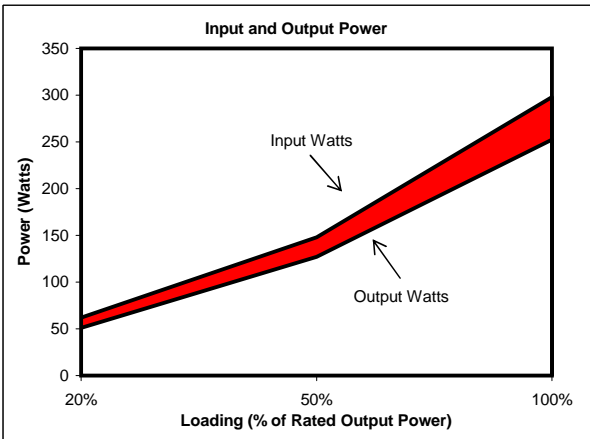
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.3	Amps
Input Frequency	50-60	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 14.91%, 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
0.55	0.99	13.2%	20%	Light	62	12.3/2.8	12.1/0.1	3.4/1.7	5.1/1.6	5.2/0.4	51	82.45%
1.31	0.98	14.9%	50%	Typical	148	12.2/6.9	12.1/0.3	3.3/4.2	5.1/4.1	5.1/0.9	127	86.00%
2.61	0.99	9.0%	100%	Full	298	12.2/13.8	12.1/0.5	3.3/8.3	5/8.3	5.1/1.7	252	84.75%



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.