

80 PLUS Verification and Testing Report

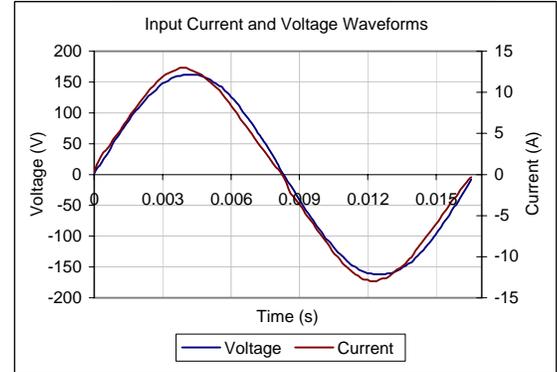
TYPICAL EFFICIENCY (50% Load):	85.55%
AVERAGE EFFICIENCY :	83.56%
80 PLUS COMPLIANT:	YES



Ecos ID #	644.1
Manufacturer	TUNIQ
Model Number	PSU-RIP850(-EUAP)-BK
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	5/8/2008

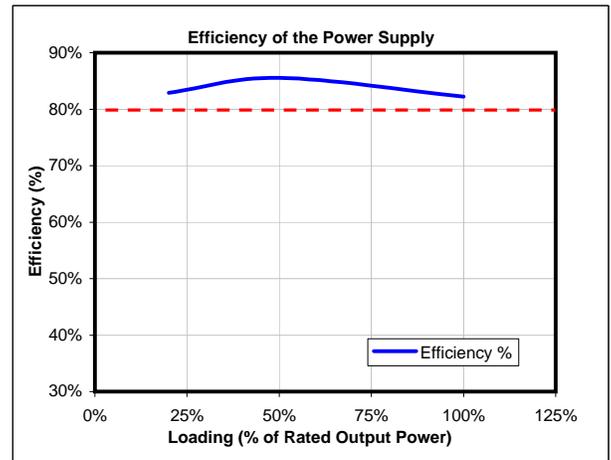
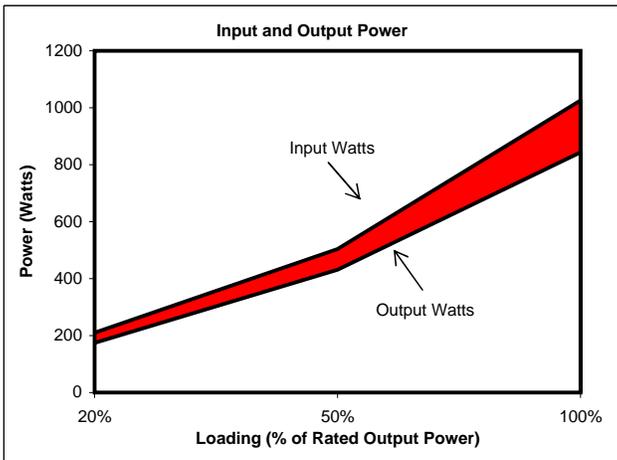
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 4.58%, 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		
1.86	0.98	5.5%	20%	Light	210	12.3/11.2	12/0.1	3.4/3.7	5.1/4	5.1/0.5	174	82.91%
4.40	0.99	4.6%	50%	Typical	504	12.2/27.9	12.1/0.4	3.3/9.2	5/9.9	5/1.3	431	85.55%
8.95	1.00	4.5%	100%	Full	1026	12/55.7	12.1/0.7	3.1/18.3	4.9/19.7	4.9/2.7	844	82.22%



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/>

