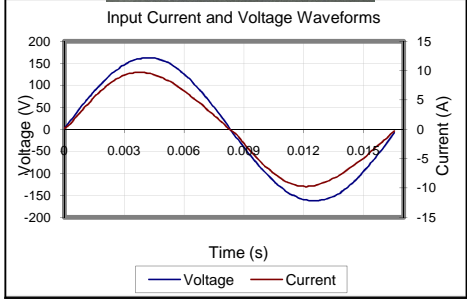


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.51%
AVERAGE EFFICIENCY :	83.52%
80 PLUS COMPLIANT:	YES



Ecos ID #	1632
Manufacturer	CORSAIR MEMORY, INC.
Model Number	CMPSU-650HX
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	8/11/2009

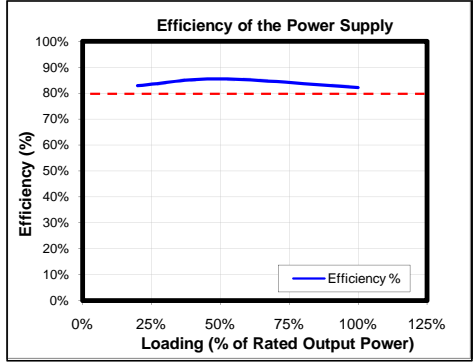
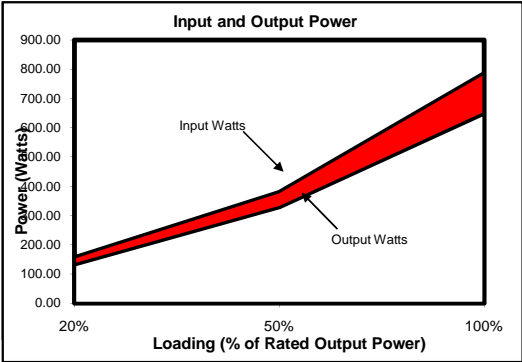


Rated Specifications	Value	Units
Input Voltage	100/240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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

Input AC Current Waveform (ITHD = 5.12%, 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.)						
1.39	0.9904	6.23%	20%	Light	158.63	12.1/7.6					131.49	82.89%
3.33	0.9965	5.12%	50%	Typical	382.30	12/19					326.91	85.51%
6.87	0.9976	4.73%	100%	Full	788.90	12/38					648.08	82.15%



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.