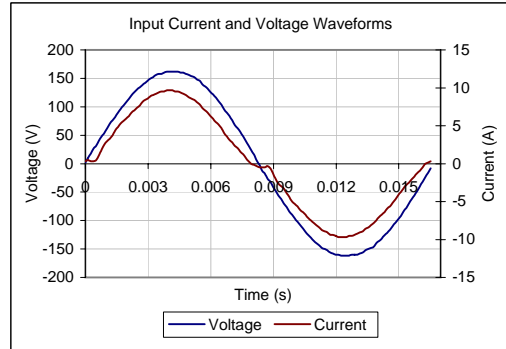


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	89.19%
AVERAGE EFFICIENCY :	87.77%
80 PLUS COMPLIANT:	YES

Ecos ID #	1280.1
Manufacturer	OCZ
Model Number	OCZZ650
Serial Number	N/A
Year	2009
Type	ATX12V & EPS12V
Test Date	1/26/2009

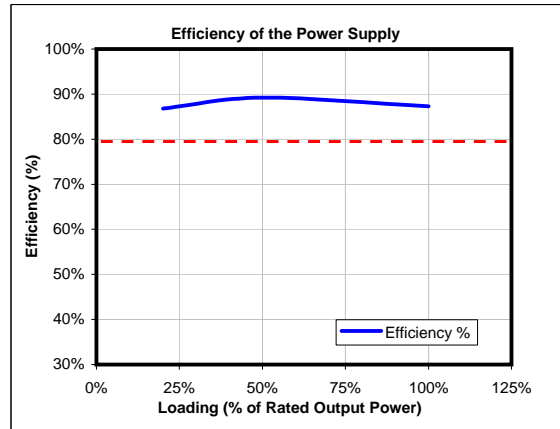
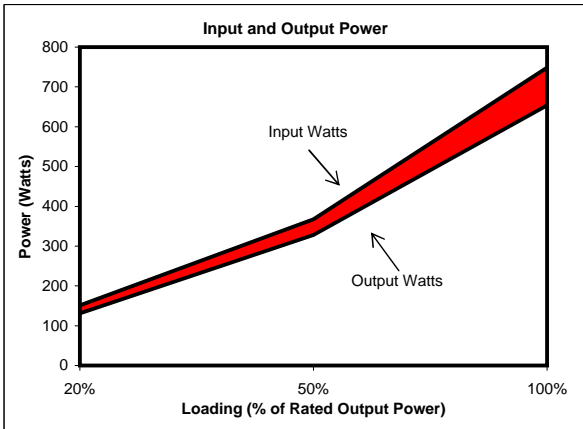


Input AC Current Waveform (ITHD = 18.24%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	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.

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		
1.38	0.95	99.6%	20%	Light	151	12.1/8.9	12/0.1	3.4/2.5	5.2/2.5	5.1/0.4	131	86.80%
3.26	0.98	18.2%	50%	Typical	368	12.1/22.2	12/0.2	3.4/6.3	5.1/6.3	5/1	328	89.19%
6.56	0.99	10.8%	100%	Full	749	12/44.3	12.1/0.4	3.4/12.5	5.1/12.5	5/2.1	654	87.31%



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/>

