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a cura di: **Walter Meister - stoner - 03-04-2009 09:51**

OCZ alimentatori serie Z



LINK (<https://www.nexthardware.com/news/alimentatori/1086/ocz-alimentatori-serie-z.htm>)

Annunciata una nuova serie di alimentatori da OCZ

OCZ presenta una nuova serie di alimentatori ad alta efficienza.

La nuova serie Z è costituita da tre alimentatori, un modello Z1000 da 1000W certificato 80 Plus Gold , un 650W e 550W 80 Plus Silver.

Il modello Z1000 risulta ottenere un 90.93% con un carico del 50%, mentre a pieno carico ottiene un'efficienza del 89.20%.

Per quanto riguarda gli altri due il modello Z650 ha un'efficienza del 89.19 al 50% (88.91 per lo Z550) e 87.31 al 100% (88.91 per lo Z550).

testing reports su www.80plus.org del modello OCZ -Z1000

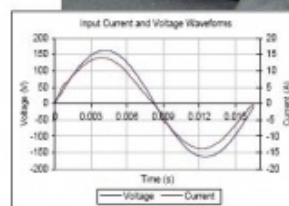
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load): 90.93%
AVERAGE EFFICIENCY: 89.48%
80 PLUS COMPLIANT: YES

Ecode ID #	1275.1
Manufacturer	OCZ
Model Number	OCZ-Z1000 (M)
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	1/23/2009

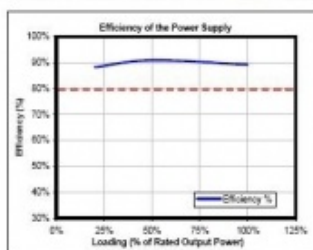
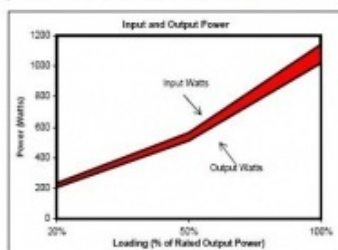
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (THD = 5.8%, 50% Load)

Test A	PF	I _{in} (%)	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 ¹	5VSB	
2.15	0.94	85.1%	20%	Light	253	12.0/14.3	0.0/0.0	0.0/0.0	5.0/0.5	205	88.23%
4.95	0.99	5.8%	50%	Typical	563	12.2/35.7	12.0/2	3.3/7.7	5.2/7.7	513	90.93%
9.97	1.00	3.0%	100%	Full	1142	12.2/71.3	12.0/4	3.3/15.3	5.2/15.4	1019	89.20%



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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.



