

80 PLUS Verification and Testing Report

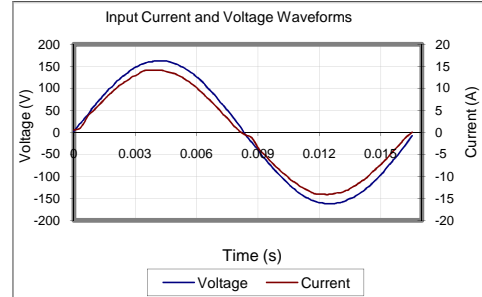
TYPICAL EFFICIENCY (50% Load):	90.36%
AVERAGE EFFICIENCY :	88.82%
80 PLUS COMPLIANT:	YES



Ecos ID #	1474.1
Manufacturer	DIABLOTEK INC.
Model Number	PDAX-1000GW
Serial Number	N/A
Year	2009
Type	EPS12V
Test Date	6/5/2009

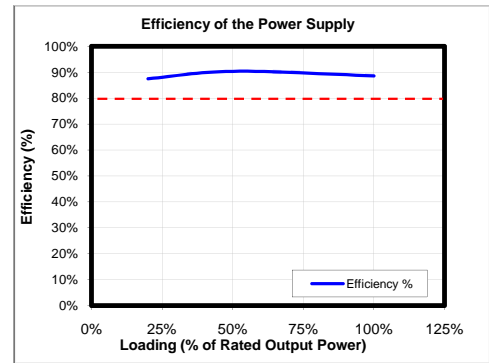
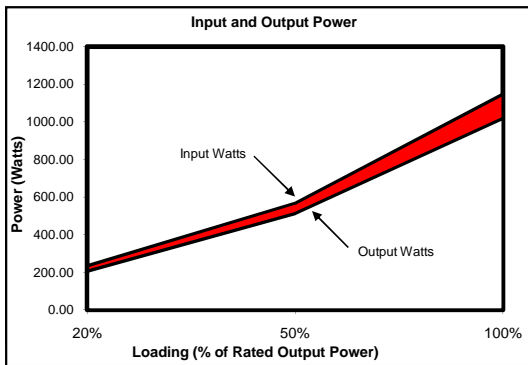
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	16-8	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 10.38%, 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
2.11	0.97	22.12%	20%	Light	235.67	12.4/14		11.8/0.1	3.3/3.4	5.1/3.4	5.1/0.5	206.14	87.47%
4.97	0.99	10.38%	50%	Typical	568.10	12.3/35.1		11.8/0.2	3.3/8.6	5.1/8.5	5.1/1.3	513.33	90.36%
10.00	1.00	4.10%	100%	Full	1149.70	12.3/70		11.8/0.5	3.3/17	5/17.1	5.1/2.5	1018.85	88.62%



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/>

