GlobTek, Inc.

AC-DC Single Output Voltage external Power Supply Test Report

Lab Test Results

Manufacturer Name	GLOBTEK, INC.
Model	GT-83084-1006-1.0-USB-W2E
Type, P/N	WR9MA2000USB-F(R6B)
Engineer	Lorenzo R. Madariaga II

Limits			
		Energy Star Level VI	
		Ave. Efficiency	No Load power
		78.70%	0.1
RESULTS	115Vac	80.861%	0.038
	230Vac	80.840%	0.070

TEST RESULT	PASS

Nameplate Specifications

Related Product Specifications	Input	Output
Voltage (V)	100-240	5
Current (A)	0.3A MAX	2
Power (Watts)		10
Frequency (Hz)	50-60	DC

Date Measured	21-Aug-15
Ambient Temp. °C	25 °C
Output Cord AWG and Length	N/A
Type of Output Cord	N/A

	Active Power Measurements (30min Initial Warm-Up, 5min stability time per load condition)				No Load	
Percent of Rated Load	100%	75%	50%	25%	0%	Average
DC Output Current (mA)	2000.0	1500.0	1000.0	500.0	0.0	
DC Output Current measured (mA) (+/-2% Rated)	2006.067	1504.817	1003.540	501.613	0.000	
DC Output Voltage (V)	5.070	5.081	5.041	5.039	5.145	
DC Output Power (W)	10.16976	7.64577	5.05875	2.52746	0.00000	
AC Input Voltage (V)	115					
AC Input Power (W)	12.704	9.490	6.226	3.079	0.038	
Total Harmonic Distortion (THD%) (1/Total)	81.818	84.432	87.503	90.958	96.265	
True Power Factor(Watts/VA)	0.543	0.513	0.470	0.407	0.113	
Ac Input Frequency	60	60	60	60	60	
Power Consumed by UUT (W)	2.534	1.845	1.167	0.551		
Efficiency	80.018%	80.492%	81.067%	81.867%		80.861%

	Active Power Measurements (30min Initial Warm-Up, 5min stability time per load condition)				No Load	
Percent of Rated Load	100%	75%	50%	25%	0%	Average
DC Output Current (mA)	2000.0	1500.0	1000.0	500.0	0.0	
DC Output Current measured (mA) (+/-2% Rated)	2006.760	1504.977	1003.760	501.743	0.0	
DC Output Voltage (V)	5.066	5.086	5.039	5.028	5.153	
DC Output Power (W)	10.13120	7.62850	5.03870	2.51383	0.00000	
AC Input Voltage (V)	230					
AC Input Power (W)	12.546	9.429	6.227	3.132	0.070	
Total Harmonic Distortion (THD%) (1/Total)	90.343	91.516	92.824	94.127	96.608	
True Power Factor(Watts/VA)	0.420	0.396	0.375	0.331	0.099	
Ac Input Frequency	50	50	50	50	50	
Power Consumed by UUT (W)	2.415	1.800	1.188	0.619		
Efficiency	80.992%	81.106%	80.977%	80.286%		80.840%