



GlobTek, Inc.

30 Years of Service 1984 - 2014
Corporate Headquarters

AC-DC Single Output Voltage external Power Supply Test Report

Lab Test Results

Manufacturer Name	GLOBTEK, INC.
Model	0
Type, P/N	TR9CI2700YL3NRVG2705
Engineer	Lorenzo R. Madariaga II

Nameplate Specifications

Related Product Specifications	Input	Output
Voltage (V)	100-240	24
Current (A)	1.5A MAX	2.7
Power (Watts)		64.8
Frequency (Hz)	50-60	DC

Date Measured	4-Aug-15
Ambient Temp. °C	25 °C
Output Cord AWG and Length	18AWG 5ft
Type of Output Cord	E157718 2 Wire

Limits		Energy Star Level VI	
		Ave. Efficiency	No Load power
RESULTS	115Vac	90.012%	0.107
	230Vac	90.984%	0.141

TEST RESULT	PASS
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	Active Power Measurements (30min Initial Warm-Up, 5min stability time per load condition)					No Load	Average
	100%	75%	50%	25%	0%		
Percent of Rated Load	100%	75%	50%	25%	0%		
DC Output Current (mA)	2700.0	2025.0	1350.0	675.0	0.0		
DC Output Current measured (mA) (+/-2% Rated)	2707.543	2030.205	1352.718	676.053	0.000		
DC Output Voltage (V)	23.804	23.862	23.915	23.971	24.040		
DC Output Power (W)	64.45089	48.44506	32.35040	16.20574	0.00000		
AC Input Voltage (V)	115						
AC Input Power (W)	72.027	53.704	35.798	18.001	0.107		
Total Harmonic Distortion (THD%) (1/Total)	86.512	89.272	90.215	90.847	29.146		77.1982
True Power Factor(Watts/VA)	0.474	0.427	0.419	0.408	0.017		0.3489
Ac Input Frequency	60	60	60	60	60		60.0000
Power Consumed by UUT (W)	7.576	5.259	3.448	1.795			
Efficiency	89.477%	90.202%	90.362%	90.007%			90.012%

	Active Power Measurements (30min Initial Warm-Up, 5min stability time per load condition)					No Load	Average
	100%	75%	50%	25%	0%		
Percent of Rated Load	100%	75%	50%	25%	0%		
DC Output Current (mA)	2700.0	2025.0	1350.0	675.0	0.0		
DC Output Current measured (mA) (+/-2% Rated)	2708.898	2030.973	1353.380	676.585	0.0		
DC Output Voltage (V)	23.804	23.858	23.914	23.970	24.041		
DC Output Power (W)	64.27087	48.31154	32.28336	16.17973	0.00000		
AC Input Voltage (V)	230						
AC Input Power (W)	69.148	53.088	35.500	17.948	0.141		
Total Harmonic Distortion (THD%) (1/Total)	92.137	92.428	92.773	93.205	15.204		77.1495
True Power Factor(Watts/VA)	0.378	0.371	0.359	0.327	0.007		0.2886
Ac Input Frequency	50	50	50	50	50		50.0000
Power Consumed by UUT (W)	4.877	4.777	3.217	1.769			
Efficiency	91.200%	91.265%	91.155%	90.316%			90.984%