

TEST REPORT

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Report No.: WT09113847-U-D-O
Applicant: GlobTek, Inc.
Product: ITE POWER SUPPLY
Model No.: GT-21131-7224
Test Category: Entrusted Test
Date of Test: November 17, 2009
Date of Issue: November 23, 2009

WALTEK SERVICES

TEST REPORT

Applicant : GlobTek, Inc.
Address : 186 Veterans Dr.Northvale, NJ 07647 USA
Report Number : WT09113847-U-D-0
Total Page : 5 Pages

Sample Description

Product : ITE POWER SUPPLY
Model No. : GT-21131-7224
Electrical Rating : Input: 100-240VAC, 50-60Hz, 1.6A MAX
Output: 24VDC, 3.0A
Date Received : November 16, 2009
Date Test Conducted : November 17, 2009
Testing Laboratory : Waltek Services (Dong Guan) Co., Ltd.
Address : 8B, Hong Yi Building, Wu Shi Gang, Zhu Shan, Dong Cheng District, Dong Guan, Guang Dong 523120, China
Test Location : As above
Test Item : Limited Power Source test
Test standard : IEC 60950-1:2005/EN 60950-1:2006/ UL 60950-1:2007 clause 2.5
Test Method : Refer to next pages
Test Result : See the attached sheets
Conclusion : The samples passed the Limited Power Source test
Remark : 1) When determining for test conclusion, measurement uncertainty of tests has been considered.
2) This report shall not be reproduced except in full without the written approval of the testing laboratory.

Tested by:

Henry Lee

Henry Lee
Engineer



Reviewed by:

Tai Yim

Tai Yim
Supervisor

WALTEK SERVICES (Dong Guan) Co., Ltd.
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ITEMS FOR ATTENTION:

1. This report is submitted for the exclusive use of the client to whom it is addressed.
2. It would be invalid test report without specific stamp for test institute or the authority.
3. It would be invalid duplicated report without specific stamp for test institute or the authority.
4. It would be invalid test report without all the signatures of reporter, reviewer.
5. It would be invalid test report, if there is any scrawl in the test report without official authorization.
6. Any disputes about the report must be submitted for test institute within 15 days from the day when the report is received, otherwise that would be invalid out of expiry.
7. Generally, the responsible is only for the samples in entrusted test.

Remark: Possible test case verdicts:

Test item does meet the requirement-----P (Pass)

Test item does not meet the requirement-----F (Fail)

Test case does not apply to the test object-----N (N/A)

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Test Item

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Limited Power Source test

METHOD (Inherently Limited)

A sample of the power supply was connected to 254.4 Vac, 60 Hz. After each of the following output measurements, the values were compared with the appropriate tables:

- A. The open circuit voltage (U_{oc}), with all load circuits disconnected.
- B. The output current (I_{sc}) after 60 seconds of operation with the load adjusted to maintain the I_{sc} current limit (maximum I_{sc} per Table 2B is 8.0 A or $150/U_{oc}$, as applicable. Output circuits other than the circuit under test were unloaded during the I_{sc} measurements.
- C. The maximum output Volt-Ampere (VA), after 60 seconds of operation with the load adjusted to maintain the VA limit (maximum VA per Table 2B is 100. Output circuits other than the circuit under test were unloaded during the VA measurement.

If a regulating network limited the output in compliance with Table 2B under normal operating conditions, then measurements (A), (B), and (C) were repeated under single fault conditions. The faults were placed in any part of the regulating network, including power supply pulse width modulation circuitry.

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Result

Test Voltage: 254.4 Vac, 60 Hz

Output Tested	Measured		Test Condition	Maximum		
	From	To		U _{oc} (V)	I _{sc} 60s (A)	VA 60s (VA)
Output '+' to '-'	V+	V-	Normal	24.47	4.20	97.36
Output '+' to '-'	V+	V-	U2 pin1-2 short circuit	0	0	0
Output '+' to '-'	V+	V-	U2 pin1	0	0	0
Output '+' to '-'	V+	V-	U2 pin3-4 short circuit	0	0	0
Output '+' to '-'	V+	V-	U2 pin3 open circuit	24.54	0	0
Output '+' to '-'	V+	V-	R10 short circuit	0	0	0

Test Equipment List

<u>Equipment</u>	<u>Model/Type</u>	<u>Cal. Date</u>	<u>Valid Date</u>
Timer	JG17	Nov. 03, 2009	Nov. 02, 2010
Digital Power Meter	WT210	Nov. 03, 2009	Nov. 02, 2010
DC electronic load	3300C	Nov. 03, 2009	Nov. 02, 2010
Hygrothermo-graph	WT051104007	Nov. 03, 2009	Nov. 02, 2010

===== End of Test Report =====

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