

January 5, 2012

1

UL 2747

OUTLINE OF INVESTIGATION
FOR
ELECTRIC VEHICLE POWER SUPPLIES

ISSUE NO: 1

January 5, 2012

Summary of Topics

This is the first issue of the Outline of Investigation for Electric Vehicle Power Supplies, Subject 2747. These requirements include power supplies that are intended for fixed installation on board an electric vehicle for powering systems installed on board the vehicle.

COPYRIGHT © 2012 UNDERWRITERS LABORATORIES INC.

UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL



Documents
Document Sharing Hub

No Text on This Page

*UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL*



Documents

Document Sharing Hub

CONTENTS

INTRODUCTION

1 Scope	4
2 Components	4
3 Units of Measurement	4
4 Undated References	5
5 Glossary	5

CONSTRUCTION

6 Power Supplies – General	5
7 Ambient Temperature Range	5
8 Spacings	6
9 Environmental Enclosure	6
10 External Connections	6

PERFORMANCE

11 Vibration Test	7
12 Volume Change and Extraction	7

PRODUCTION LINE TEST

13 General	8
------------------	---

MARKING

14 Identification	10
15 Cautionary	10

INSTRUCTIONS

16 General	10
------------------	----

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL**



Documents
Document Sharing Hub