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SUBJECT 458A

OUTLINE OF INVESTIGATION

FOR

POWER CONVERTERS/INVERTERS FOR ELECTRIC LAND VEHICLES

Issue Number 1

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*Summary of Topics*

*This first issued of the Outline of Investigation for Power Converters/ Inverters for Electric Land Vehicles, Subject 458A, covers fixed and stationary power converters, and accessories having a nominal rating of 600 V or less, direct current. These requirements also cover fixed, stationary and portable power inverters having a dc input and a 120 or 240 V ac output. These converters/inverters are intended for use within electric vehicle land vehicles where not directly exposed to outdoor conditions, and are intended to be employed in accordance with the National Electrical Code, NFPA 70. These requirements also cover converters/inverters that are additionally intended to charge batteries.*

The UL Foreword is no longer located within the UL Outline of Investigation. For information concerning the use and application of the requirements contained in this Outline of Investigation, the current version of the UL Foreword is located on ULStandardsInfoNet at: <http://ulstandardsinfo.net.ul.com/ulforeword.html>

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