



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MOBILE POWER SOLUTIONS, INC.
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Beaverton, OR 97006
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ELECTRICAL

Valid To: October 31, 2012

Certificate Number: 3048.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Primary Lithium, Li-ion Cells and Batteries:

Test Methods:

UL 1642

UL 2054

IEC 62133

Section 2.1
Section 4.2.1
Section 4.2.2
Section 4.2.3
Section 4.2.4
Section 4.3.2
Section 4.3.3
Section 4.3.4
Section 4.3.5
Section 4.3.6
Section 4.3.7
Section 4.3.9
Section 4.3.10
Section 4.3.11

RTCA DO-311

Section 2.3.14.1

UN DOT

Section 38.3.3
Section 38.3.4.1
Section 38.3.4.2
Section 38.3.4.3
Section 38.3.4.4
Section 38.3.4.5
Section 38.3.4.6
Section 38.3.4.7
Section 38.3.4.8

Test Name:

Standard for Safety for Lithium Batteries

Household and Commercial Batteries

Insulation and Wiring
Continuous Charging
Vibration
Moulded Case Stress
Temperature Cycling
External Short Circuit
Free Fall
Mechanical Shock
Thermal Abuse
Crushing of Cells
Low Pressure
Overcharge
Forced Discharge
Cell Protection Against High Charge Rate

Insulation Resistance

Preconditioning (Battery Cycling)
T1 Altitude Simulation
T2 Thermal Test (Temperature Cycling)
T3 Vibration
T4 Mechanical Shock
T5 External Short Circuit
T6 Impact
T7 Overcharge
T8 Forced Discharge



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

MOBILE POWER SOLUTIONS, INC.

Beaverton, OR

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 4th day of August 2010.





Peter Abney

President & CEO
For the Accreditation Council
Certificate Number 3048.01
Valid to October 31, 2012
Revised August 24, 2010

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.