



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ECLIPSE ENERGY  
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ELECTRICAL

Valid To: May 31, 2019

Certificate Number: 3307.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

<b><u>Test Types/Test Capabilities:</u></b>	<b><u>Test Method <sup>1</sup>:</u></b>
Comprehensive Life Test for 12 V Automotive Storage Batteries	SAE J2801
Life Test for Automotive Storage Batteries	SAE J240
Flame Arrestor Vent for Lead Acid Batteries	SAE J1495
Charge Acceptance for Lead Acid Storage Batteries	SAE J537
Cold Cranking for Lead Acid Storage Batteries	SAE J537
Life Test for Heavy-Duty Storage Batteries	SAE J2185
Reserve Capacity for Lead Acid Batteries	SAE J537
Off-Road Cold Cranking for Lead Acid Batteries	SAE J930 ( <i>excluding section 7.4 [Vibration]</i> )
Lead-Acid Batteries for Motorcycles, Tricycles, and Quadricycles	ABNT NBR 15941 ( <i>excluding section 5.3.8 [Vibration]</i> )
Lead-Acid Batteries for Use in Motor Vehicles of Four or More Wheels	ABNT NBR 15940 ( <i>excluding section 8.5.8 [Vibration]</i> )

<sup>1</sup>Also using customer specific test methods using the following test parameters and ranges directly related to the types of tests and test equipment capabilities listed above.

<u>Parameter:</u>	<u>Range:</u>
VDC - Measure	(0 to 200) V
VDC - Source	(0 to 200) V
ADC - Measure	(-2300 to 2000) A
ADC - Source	(-1300 to 1000) A
Power - Source	(-18,200 to 18,000) W
Temperature	(-35 to 90) °C

On the following products or types of products:

Batteries, including but not limited to: lithium ion, lead acid and NiMH at the cell, module, and pack levels.

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## *Accredited Laboratory*

A2LA has accredited

**ECLIPSE ENERGY**

*Greenfield, IN*

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 23<sup>rd</sup> day of May 2017.

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President and CEO  
For the Accreditation Council  
Certificate Number 3307.01  
Valid to May 30, 2019

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