

INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

[A Division of NATRIP Implementation Society (NATIS), Govt. of India]

Innovation Service Excellence

Non-Transferable

TEST REPORT

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Date: 01.12.2017

- 1.0 NAME AND ADDRESS OF THE CUSTOMER : M/S. Amritasa Green Private Limited
C-16/4, First Floor, Ardee City, Sector 52, Gurugram-122011, Haryana, India.
- 2.0 CUSTOMER REFERENCE : CCDAMRTMDEEG51509; dated 26-Apr-2017
- 3.0 DESCRIPTION OF DEVICE UNDER TEST (DUT) :
DUT Name: Battery Life Enhancer
Model Number: G-12200



- 4.0 TEST OBJECTIVE:
To conduct Performance Test on **Battery Life Enhancer** as per Customer Specifications.
- 5.0 TEST OBSERVATION:
Test observations are mentioned in Annexure – I of this test report.
- 6.0 TEST DETAILS:

Sr. No.	TEST TITLE	TEST SAMPLE ID	REF. STD.	OBSERVATIONS/RESULTS
1.	Performance Test	ICAT/AEEL/51509/01	As per Customer Specifications	Refer Annexure-I

Disclaimer

This test report pertains only to the test samples / components / parts/ assemblies/ gensets/ materials /fuels/chemicals/engines/vehicles/Agri. Tractors etc. actually tested /witnessed / verified by ICAT in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this test report alone does not indicate any measure of approval, certification, supervision, COP, control of quality surveillance by ICAT of the test samples / items/ components. No extract, abridgment or abstraction from this test report may be published or used to advertise the product without the written consent of the Director, ICAT, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. ICAT is in no way responsible for any misuse or copying of any design in connection with entire vehicle / components / systems and assemblies. Breach of any statutory provisions, of Indian laws or laws of other countries, will be sole responsibility of the customer. ICAT shall not be liable for any claims or damages made by the customer, whatsoever. The customer shall alone be liable for the same and undertakes to indemnify ICAT in this regard. Further, ICAT has the right to initiate cancellation / withdrawal of the certificate / report issued, in case of any fraud, misrepresentation, when it comes to the knowledge of ICAT. The appropriate local court at Gurgaon shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.

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Annexure - I Performance Test

1.1 Performance Test as per Customer Specifications:

Sr. No.	TEST	REQUIREMENTS/SPECIFICATIONS	OBSERVATIONS/RESULTS
1.0	Performance Test ICAT/AEEI/51509/01	<p>Test Specifications: Test was carried out as per Customer Specifications with below specifications:</p> <p>A used battery was checked for its capacity @ C10(10.5A) and then DUT was connected with battery life enhancer for 15 Days. Then battery was recharged and tested for capacity again.</p> <p>Battery under Test Details: Battery Type: Lead Acid Battery Voltage: 12V Battery Marked Capacity: 105 Ah Battery Month & Year of Manufacturing: Sep 2016</p>	Initial Capacity-83.7Ah @ C10(10.5A) Final Capacity-89.4Ah @ C10(10.5A) Improvement in Capacity=6.8(%) Retained Capacity when compared to original capacity of 105 Ah-85.1%

1.2 Observation Table:

S. No.	Battery Capacity @C10 (10.5A)		Improvement in Capacity (%)
	Initial Capacity	Final Capacity	
1	83.7AH	89.4AH	6.8

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