



भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

11/1, जजसे कोर्ट रोड, अलीपुर, कोलकाता - 700 027
11/1, Judges' Court Road, Alipore, Kolkata - 700 027



Number of Copies issued Single TEST CERTIFICATE INTERIM/FINAL REPORT
परीक्षण प्रमाण पत्र सं जारी होने की तिथि कोड नं पृष्ठ पृष्ठों की संख्या
Test Certificate No Date of Issue Code No Page No of Pages
NTH(ER)/EL(A)/2021/00259C 04/08/2022 1631530743055 1 2

जिसे जारी करना है

OKAYA POWER PRIVATE LIMITED

Issued To

पता

D-8,Udyog Nagar,Rohtak Road, New Delhi - 110041.

Address

ग्राहक का संदर्भ सं एवं दिनांक

Customer's Ref. No.

Email

Date: 15/07/2021

पंजिका सं एवं दिनांक

Register No & Date

00259/NTH(ER)/EL(A)/15/09/2021

परीक्षण सामग्री का विवरण

Description of Test Item

One sample consisting of 06 nos Secondary Batteries for solar photo voltaic application stated to be 12 V 200Ah at C10 rate Solar Batteries,Brand :OKAYA.

परीक्षण सामग्री का पहचान

Identification of Test Item

Marking as in attached sheet"Annexure"

नमूना का विशिष्टि (यदि हों)

Product Specification (If any)

IS:16270-2014 read with IS : 13369-1992(Amndt. No.1 to 3)

नमूना प्राप्ति की तिथि

Date of Receipt of the Test Item

13/09/2021

कार्य सम्पादन की तिथि

Date(s) of Performance of Tests

From: 06/10/2021

To: 17/11/2021

व्यावहृत प्रणाली का पहचान

Method(s) used for Test

As per Specification

Not Applicable.

नमूना प्रक्रिया जहाँ प्रासंगिक हों

Sampling Procedure where relevant

Tested By

Sayantan Das

SO Electrical

Checked By

Biswa Ranjan Mandal

Scientist- C (Electrical)

Approved By

Biswa Ranjan Mandal

Scientist- C (Electrical)



सत्यमेव जयते

भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

11/1, जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027
11/1, Judges' Court Road, Alipore, Kolkata - 700 027

परीक्षण प्रमाण पत्र



Number of Copies issued Single

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं.
Test Certificate No

जारी होने की तिथि

कोड नं

पृष्ठ

पृष्ठों की संख्या

NTH(ER)/EL(A)/2021/00259C

Date of Issue

Code No

Page

No of Pages

04/08/2022

1631530743055

2

2

Sl. No.

Test Name

Test Result

Limit

1

As in attached sheet "Annexure".

As in attached sheet
Annexure

टिप्पणी

Note

:

:

The sample so far as it has been examined and tested meets the requirements of
IS:16270-2014 in respect of tests carried out.

कैफियत

Remarks

Tested By

Checked By

Approved By

Sayantan Das

Biswa Ranjan Mandal

Biswa Ranjan Mandal

SO Electrical

Scientist- C (Electrical)

Scientist- C (Electrical)



सत्यमेव जयते

भारत सरकार

Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

11/1, जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027
11/1, Judges' Court Road, Alipore, Kolkata - 700 027

FORM NO : NTH/ALP/F/5



TEST CERTIFICATE

Test certificate no
NTH(ER)/EL(A)/2021/00259C

Date of Issue
04/08/2022

Code No
1631530743055

Page 1 No. of Pages 1

"Annexure"

Tests : [Carried out as per IS:16270-2014 read with IS:13369-1992 (Amndt. no.1 to 3)]

| Sl. No. | Test Name | Requirements | Test Result | Remarks |
|---------|--|--|-----------------------|---------------|
| 1. | Cycling endurance in photovoltaic application (extreme conditions) : (Carried out as per Cl.8.4 of of IS:16270-2014) | | | Satisfactory. |
| | At the end of 3 (A + B) sequences of (150 cycles) Capacity in Ampere-hours after the phase B : | At the end of the test the C ₁₂₀ capacity shall not be less than 80 percent of the rated i.e 160Ah. | GX8 202.122 | |
| 2. | Endurance Test : [Carried out as per CI 8.2 of IS:16270-2014 read with Cl.11.7 of IS:13369-1992 (Amndt. no.1 to 3)] | | | Satisfactory. |
| | Final Discharge duration in hrs. at C ₁₀ rate at the end of the Endurance cycles period of 2000 Hrs. | The battery shall give not less than 9 Hrs.of discharge at the final test discharge after the last period of charge. | GX7 11 | |
| 3. | Sulphation Test : (Carried out as per Cl.8.5 of IS:16270-2014) | | | Satisfactory. |
| | Duration of capacity in Hours at C ₁₂₀ rate : | The battery shall give at least 108 hours | GX1 109 | |

Tested By

Sayantan Das
SO (Electrical)

Checked By

Biswa Ranjan Mandal
Scientist - C (Electrical)

Approved By

Biswa Ranjan Mandal
Scientist - C (Electrical)