



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

FORM NO : NTH/ALP/F/5



परीक्षण प्रमाण पत्र

TEST CERTIFICATE

INTERIM/FINAL REPORT

Number of Copies issued Single

परीक्षण प्रमाण पत्र सं.
Test Certificate No

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

जारी होने की तिथि

Date of Issue

17/11/2021

कोड नं

Code No

1631530743055

पृष्ठ

Page

1

पृष्ठों की संख्या

No of Pages

2

जिसे जारी करना है

Issued To

पता

Address

OKAYA POWER PRIVATE LIMITED

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

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 photovoltaic application stated to be 12V 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)

Not Applicable.

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

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

व्यावहृत प्रणाली का पहचान

Method(s) used for Test

Not Applicable.

नमूना प्रक्रिया जहाँ प्रासंगिक हों

Sampling Procedure where relevant

Tested By

Sayantan Das
SO Electrical

Checked By

Samriddha Gangopadhyay
SO Electrical

Approved By

Biswa Ranjan Mandal
Scientist- C (Electrical)



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पृष्ठ
Page
2

पृष्ठों की संख्या
No of Pages
2

Sl. No.

Test Name

Test Result

Limit

1

Interim Tests

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. Final report will be issued after completion of remaining Test

कैफियत
Remarks

Tested By

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SO Electrical

Checked By

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SO Electrical

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सत्यमेव जयते

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TEST CERTIFICATE

Test certificate no
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Page 1 No. of Pages 2

"Annexure"

Marking: (i) Printed on both wider sides of a Battery :

OKAYA
NEVER STOP INDIA
SOLAR
TUBULAR BATTERY
ST200S
200 Ah
Capacity 200Ah @ C₁₀ , Sp. Gr.:1.240±0.005 (27°C)

(ii) On the top of a Battery :

Positive polarity embossed with '+' symbol & marked with red colour.
Negative polarity embossed with '-' symbol & marked with blue colour.

(iv) Embossed on the top of a Battery :

FQTF119005962391

The marking of the other Batteries are same & identical except Nos. FQTF119005962392, FQTF119005888764, FQTF119005962390, FQTF119005888765, FQTF119005888766, FQTF119005888767 & FQTF119005888768. Eight nos. 12V,200Ah Batteries were marked randomly as GX1 to GX8 by this laboratory for identification purpose.

Tested By

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Checked By

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17/11/2021Code No
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Page 2 No. of Pages 2

"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	Test for Capacity : (Carried out as per Cl.8.1 of IS:16270-2014)								Satisfactory
	Capacity in ampere-hours (Ah) at C ₁₀ rate corrected to 27°C	The actual capacity shall not be less than the rated capacity i.e. 200Ah and shall not be more than 130% of the rated capacity i.e 260Ah	Battery marked						
			GX1	GX2	GX3	GX4	GX5	GX6	
			212.654	214.426	211.223	210.631	209.742	214.184	
2.	Charge Retention Test : (Carried out as per Cl.8.3 of IS:16270-2014)								Satisfactory
	Loss of capacity (in %) :	Shall not exceed 10%	Battery marked						
			GX5			GX6			
			2.2			3.2			
3.	Water Loss Test : (Carried out as per Cl.8.6 of IS:16270-2014)								Satisfactory
	Loss of Water (in g/Ah/Battery) :	18 (Maximum)	Battery marked						
			GX2						
			10.06						

Tested By

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SO (Electrical)

Checked By

Samridha Gangopadhyay
SO (Electrical)

Approved By

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