



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(B)/2018/005

Date of Issue
01/08/2018

Code No
1517388006426

Page 1 No. of Pages 2

"BAT-13369"

Tests : [Carried out as per IS:13369-1992 (Amndt. no.1 to 3) & customer requirements]

Sl. No.	Test Name	Requirements	Test Result					Remarks
			Battery marked	FV1	FV2	FV3	FV4	
1.	Verification of marking: (Carried out as per Cl.11.3 of the specification)							Unsatisfactory
	a) Indicating the source of manufacturer	The information shall be indelibly and durably marked on the outside of the Battery					Fujikawa Power	
	b) Ah capacity at 10-h rate						12V100Ah	
	c) Year of manufacture						2017	
	d) Country of origin						India	
	e) Electrolyte level indicator						Opaque container, level indicator provided.	
2.	Verification of constructional requirements : (Carried out as per Cl.11.2 of the specification)							Satisfactory
	(i) Electrolyte level Indicator :	Each cell shall be provided level indicator					Level Indicators provided in each case.	
	(ii) Terminal Posts:	Positive and negative terminal posts shall be clearly and unmistakably identifiable					Positive and negative terminal posts were clearly embossed in each case	
	(iii) Connections:	Shall be made of lead plated aluminium/copper strips or of flexible cables					Lead plated in each case	
	(iv) Terminal Connectors :	Shall be effectively lead coated					Lead coated in each case	

Tested By

Gangopadhyay

Samridha Gangopadhyay
SO (Electrical)

Checked By

Pradip

Pradip Kumar Bera
Scientist - B (Electrical)

Approved By

Mandal

Biswa Ranjan Mandal
Scientist - B (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(B)/2018/005

Date of Issue
01/08/2018

Code No
1517388006426

Page 2 No. of Pages 2

"BAT-13369"

Sl. No.	Test Name	Requirements	Test Result	Remarks
3.	Loss of Water Test : (Carried out as per Cl.11.9 of the specification & customer requirements)		Battery marked	Satisfactory.
	Loss of Water (in g/Ah/Battery) :	18 (Maximum)	FV4 10.93	
4.	Test for Equilibrium Float Current : (Carried out as per Cl.11.10 of the specification & customer requirements)		Battery marked	Satisfactory.
	Equilibrium Float Current (in mA/Ah/Battery) :	10 (Maximum)	FV4 2.2	
5.	Endurance Test : (Carried out as per Cl.11.7 of the specification & customer requirements)		Battery marked	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 of the last period of charge	FV5 13.51	

Tested By

Sansopadhyay
Samridha Gangopadhyay
SO (Electrical)

Checked By

Pradip
Pradip Kumar Bera
Scientist - B (Electrical)

Approved By

Biswa
Biswa Ranjan Mandal
Scientist - B (Electrical)