



ICAT/BOV-0788/2022-23/R-2472

Date : 06th October 2022

ICAT/BOV-0788/2022-23/R-2472

TEST REPORT

FOR

COMPLIANCE TO G.S.R 291 (E) dated 24.04.2014



1. Company and Vehicle base model details:

Documental Reference	Vehicle Manufacturer	
Current Document	M/s. Vaan Electric Moto Private Limited	
Company Address		Plant Address
Assochem Chambers, Building No. D,E,F, Varapuzha Village, Varapuzha, Kochi, 683 518		Assochem Chambers, Building No. D,E,F, Varapuzha Village, Varapuzha, Kochi, 683 518
Base Model	Vehicle Description	Nominal Voltage (V)
Classica	Two Wheeler Battery Operated Vehicle with Pedal Assistance	48

2. Test Objective:




To carry out testing/verification of battery operated two wheeler, having power less than 250W and speed less than 25 km/hr for exemption to be a motor vehicle, under CMVR vide GSR 291 (E) dated 24.04.2014.

3. Observations & Test Results: (Refer ANNEXURE - I for photographs)

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	17.4 kmph	✓
Max 30 min Power	< 250 W	188 W	
Unladen Weight (Without battery)	≤ 60 kg	17 kg	
Battery Type & Packs	-	Lithium ion & 01	
Fitment of reflector (Front/Rear)	Fr- White colour/Rr- Red colour	Fr- White colour/Rr- Red colour	
Suitable braking system	Fitted	Fr - Disc / Rr - Disc	
Description	Make	Model / Part Id	
Motor	M/s. Zhejiang Goccia Electric Technology Co. Ltd.	48V250W26	
Controller	M/s. Zhejiang Goccia Electric Technology Co. Ltd.	KZ022A-KC-BAX26C-181	
Battery	M/s. Zhejiang Tianhong Lithium-Ion Battery Co. Ltd.	CWXN 487.5KC	
Charger	M/s. Wuxi Sans Electronic Co. Ltd.	SSLC109V55	

4. Conclusion:

The vehicle model mentioned in clause 1 above does not deem to be a motor vehicle and complies(y) to CMVR requirements as per the exemption criteria specified in GSR 291 (E) dated 24.04.2014.

Power Test Report No.	CTOPR 1059 dt. 23.09.2022	
ICAT Ref No.	2022-0788 (IOCS NO. 159174)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	 PAMELA TIKKU DIRECTOR (Offg.)	 Page 1 of 2