



ICAT/BOV-0613/2023-24/S-2025

Date : 28th September 2023

ICAT/BOV-0613/2023-24/S-2025

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)
STELVIO	Two Wheeler Battery Operated Vehicle with Pedal Assistance	36

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
Max Speed	< 25 kmph	14.05 kmph	✓
Max 30 min Power	< 250 W	116 W	
Unladen Weight (Without battery)	≤ 60 kg	20 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- Drum / Rr - Drum	
Description	Make	Model / Part Id	
Motor	M/s. Banx Drive Technology (Suzhou) Co. Ltd.	36V250	
Controller	M/s. Wuxi Kyesang Technology Co. Ltd.	LSW-1010(104-2F)	
Battery	M/s. Shenzhen World Electronics Co. Ltd.	BKC-13-A	
Charger	M/s. Shenzhen Alnen Technology Co. Ltd.	LBC100201	

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.	CTOPS 0903 dt. 14.08.2023	
ICAT Ref No.	2023-0613 (IOCS NO. 167284)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		 SAURABH DALELA DIRECTOR
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