



ICAT/BOV-0614/2023-24/S-2026

Date : 28<sup>th</sup> September 2023

ICAT/BOV-0614/2023-24/S-2026

# 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 PRO	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	15.46 kmph	✓
Max 30 min Power	< 250 W	225 W	
Unladen Weight (Without battery)	≤ 60 kg	21 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. Zhejiang Goccia Ele. Tech. Co. Ltd.	GEM250	
Controller	M/s. Nanjing Lishui Electronics Research Inst. Co. Ltd.	LSW-1010(104-2F)	
Battery	M/s. Shenzhen World Electronics Co. Ltd.	BKC-01	
Charger	M/s. Kunshan ST Electronics Co. Ltd.	SHC-8100LC	

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 0904 .dt. 14.08.2023	
ICAT Ref No.	2023-0614 (IOCS NO. 167285)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
 <b>VIKAS SADAN</b> DEPUTY GENERAL MANAGER	 <b>SAURABH DALELA</b> DIRECTOR	 Page 1 of 2