



ICAT/BOV-0676/2022-23/R-2788

Date : 15th November 2022

ICAT/BOV-0676/2022-23/R-2788

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. Fidus Electric Vehicles Private Limited	
Company Address	Plant Address	
RK Steels, Plot No. 4, Pratap Bas, In Front of Nirvana Hotel, Barafkhana Road, Alwar, Rajasthan, 301 001.	K No. 338, Pataudi Road, Sector 37B, Gurugram, 120 006.	
Base Model	Vehicle Description	Nominal Voltage (V)
Flutter Plus	Two Wheeler Battery Operated Vehicle without Pedal Assistance	60

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	13.7 kmph	✓
Max 30 min Power	< 250 W	172 W	
Unladen Weight (Without battery)	≤ 60 kg	56 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 - Drum	
Description	Make	Model / Part Id	
Motor	M/s. Wuxi Sinotech Import & Export Company Ltd.	60V18AH	
Controller	M/s. Wuxi Sinotech Import & Export Company Ltd.	ZWK048060032A	
Battery	M/s. Staunch Electronics India LLP	60V18AH	
Charger	M/s. Drone Power	DP/EVC/2WC	

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 0902 dt. 20.07.2022	
ICAT Ref No.	2022-0676 (IOCS NO. 159485)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		PAMELA TIKKU DIRECTOR (Offg.)
		
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