



ICAT/BOV-2264/2023-24/T-0298

Date : 27th March 2024

ICAT/BOV-2264/2023-24/T-0298

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. Godawari Electric Motors Private Limited	
Company Address	Plant Address	
Ground & First Floor, Flatted Factory Complex, Sector – 22 Electronic Manufacturing Cluster, Atal Nagar, Naya Raipur, Chattisgarh-492 015	Ground & First Floor, Flatted Factory Complex, Sector – 22 Electronic Manufacturing Cluster, Atal Nagar, Naya Raipur, Chattisgarh-492 015	
Base Model	Vehicle Description	Nominal Voltage (V)
eblu SPIN	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 Verified
Max Speed	< 25 kmph	16 kmph	✓
Max 30 min Power	< 250 W	0.159 W	
Unladen Weight (Without battery)	≤ 60 kg	30 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. EMF Innovations Pvt. Ltd.	EMFi-36V250W	
Controller	M/s. EMF Innovations Pvt. Ltd.	EMFi-003PRO	
Battery	M/s. Ruchira Green Earth Pvt.Ltd.	RGEGW3612	
Charger	M/s. Neenjas MFG. Pvt. LTD.	NEV-36V3A-WP	

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.	CTOPT 0284 dt. 22.03.2023	
ICAT Ref No.	2023-2264; IOCS NO. 174208	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
JAYWANT HARDIKAR DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR
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