



ICAT/BOV-1300/2022-23/R-2372

Date : 22nd September 2022

ICAT/BOV-1300/2022-23/R-2372

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. Motovolt Mobility Private Limited	
Company Address	Plant Address	
P-47, Taratala Road, Kolkata, South 24 Parganas, West Bengal, 700 088	P-47, Taratala Road, Kolkata, South 24 Parganas, West Bengal, 700 088	
Base Model	Vehicle Description	Nominal Voltage (V)
URBN	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	16.2 kmph	✓
Max 30 min Power	< 250 W	214 W	
Unladen Weight (Without battery)	≤ 60 kg	38 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. Jiangsu Xinwei Power Technology, China	MVC07LA00025
Controller	M/s. Motovolt Mobility Pvt. Ltd.	MCR300722001
Battery	M/s. Motovolt Mobility Pvt. Ltd.	MVCST2907220001
Charger	M/s. Motovolt Mobility Pvt. Ltd.	BQ-43. 8V5A-001

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 1031 dt. 14.09.2022
ICAT Ref No.	2022-1300 (IOCS NO, 161847) Please turn over for DISCLAIMER

AUTHORISED SIGNATORY			
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		PAMELA TIKKU DIRECTOR (Offg.)	Page 1 of 2