



ICAT/BOV-1325/2022-23/R-2607

Date: 13<sup>th</sup> October 2022

ICAT/BOV-1325/2022-23/R-2607

# 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)
KIVO24	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	17.4 kmph	✓
Max 30 min Power	< 250 W	169 W	
Unladen Weight (Without battery)	≤ 60 kg	23 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	MVC25AB01709	
Controller	M/s. Motovolt Mobility Pvt. Ltd.	MCR300722003	
Battery	M/s. Motovolt Mobility Pvt. Ltd.	MVBST290722001	
Charger	M/s. Motovolt Mobility Pvt. Ltd.	BQ-43. 8V3A-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 1047 dt. 19.09.2022	
ICAT Ref No.	2022-1325 (IOCS NO. 161848)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
		
<b>VIJAYANTA AHUJA</b> DEPUTY GENERAL MANAGER		<b>PAMELA TIKKU</b> DIRECTOR (Offg.)
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