



ICAT/BOV-0921/2022-23/R-2402

Date : 22nd September 2022

ICAT/BOV-0921/2022-23/R-2402

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)
ZAPP	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	13.5 kmph	✓
Max 30 min Power	< 250 W	203 W	
Unladen Weight (Without battery)	≤ 60 kg	20 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. Wuxi Truckrun Motor Co. Ltd. China	MV1616362502201-00010	
Controller	M/s. Motovolt Mobility Pvt. Ltd.	MCR300722002	
Battery	M/s. Motovolt Mobility Pvt. Ltd.	MVA290722001	
Charger	M/s. Motovolt Mobility Pvt. Ltd.	MGLD36V	

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.	CT0PR 1040 dt. 16.09.2022	
ICAT Ref No.	2022-0921 (IOCS NO. 159517)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	 PAMELA TIKKU DIRECTOR (Offg.)	 Page 1 of 2