



ICAT/BOV-0206/2022-23/R-2317

Date : 14th September 2022

ICAT/BOV-0206/2022-23/R-2317

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. K2G Electric Mobility India Pvt. Ltd.	
Company Address		Plant Address
Shop No.103, R9 The Business Hub, Nandira Char Rasta, Bardoli Road, Bardoli, Surat, Gujarat, 394 601		Shop No.103, R9 The Business Hub, Nandira Char Rasta, Bardoli Road, Bardoli, Surat, Gujarat, 394 601
Base Model	Vehicle Description	Nominal Voltage (V)
THOR	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	14.9 kmph	✓
Max 30 min Power	< 250 W	192 W	
Unladen Weight (Without battery)	≤ 60 kg	59 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. K2G Electric Mobility India Pvt. Ltd.	K2GEM/2W/LS/250/M	
Controller	M/s. K2G Electric Mobility India Pvt. Ltd.	K2GEM/2W/LS/250/C	
Battery	M/s. Battery Bulls	60V30AH	
Charger	M/s. Battery Bulls	PES-006	

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 0891 dt. 18.07.2022	
ICAT Ref No.	2022-0206 (IOCS NO. 158182)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	 PAMELA TIKKU DIRECTOR (Offg.)	 Page 1 of 2