



ICAT/BOV-0460/2022-23/R-2903

Date : 08th December 2022

ICAT/BOV-0460/2022-23/R-2903

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. Lytage Electric Private Limited	
Company Address	Plant Address	
E5/84, Arera Colony, Bhopal, Madhya Pradesh, 462 016	E5/84, Arera Colony, Bhopal, Madhya Pradesh, 462 016	
Base Model	Vehicle Description	Nominal Voltage (V)
XL4	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	19.2 kmph	✓
Max 30 min Power	< 250 W	119 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 - Drum	
Description	Make	Model / Part Id	
Motor	M/s. Lytage Electric Pvt. Ltd.	LM60V250	
Controller	M/s. Lytage Electric Pvt. Ltd.	LC60V250	
Battery	M/s. IPower	Li6026	
Charger	M/s. IPower	HP6003	

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 0848 dt. 06.07.2022	
ICAT Ref No.	2022-0460 (IOCS NO, 158753)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	 SAURABH DALELA DIRECTOR	 Page 1 of 2