



ICAT/BOV-0722/2022-23/R-2403

Date : 26<sup>th</sup> September 2022

ICAT/BOV-0722/2022-23/R-2403

# 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. Lectric Automation Private Limited	
Company Address	Plant Address	
Khata No-365/3166 Plot No-1236/4027, Near Mango Market, Ganesh Nagar 1st Line, Berhampur, Ganjam, Odisha, 760 002	Khata No-365/3166 Plot No-1236/4027, Near Mango Market, Ganesh Nagar 1st Line, Berhampur, Ganjam, Odisha, 760 002	
Base Model	Vehicle Description	Nominal Voltage (V)
SWING	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	22.4 kmph	✓
Max 30 min Power	< 250 W	163 W	
Unladen Weight (Without battery)	≤ 60 kg	60 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. Lectric Automation Private Limited	LM60V250	
Controller	M/s. Lectric Automation Private Limited	LC60V250	
Battery	M/s. I Power Batteries Private Limited	LI6026	
Charger	M/s. I Power	C600M-IPLFP20S6A	

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 0889 dt. 18.07.2022	
ICAT Ref No.	2022-0722 (IOCS NO. 158131)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
 <b>VIJAYANTA AHUJA</b> DEPUTY GENERAL MANAGER	 <b>PAMELA TIKKU</b> DIRECTOR (Offg.)	 Page 1 of 2