



ICAT/BOV-0501/2022-23/R-1985

Date : 07<sup>th</sup> September 2022

ICAT/BOV-0501/2022-23/R-1985

**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. Electubes Motors Private Limited	
Company Address	Plant Address	
A3, Saviour Greensle Crossing Republik, Ghaziabad, Uttar Pradesh, India, 201016	Sahibabad, Plot No 29, Mohan Nagar, Rajendra Nagar Industrial Area, Ghaziabad, Uttar Pradesh, 201 001	
Base Model	Vehicle Description	Nominal Voltage (V)
ERB-250	Two Wheeler Battery Operated Vehicle without Pedal Assistance	48

## 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 &amp; Test Results: (Refer ANNEXURE - I for photographs)

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	16.3 kmph	✓
Max 30 min Power	< 250 W	132 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 - Drum / Rr - Drum	

Description	Make	Model / Part Id
Motor	M/s. Electubes India	EM-250
Controller	M/s. Electubes India	EIC486
Battery	M/s. Electubes India	EIB4824
Charger	M/s. Electubes India	EICH54.6V6A

## 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 0790 dt. 21.06.2022	
ICAT Ref No.	2022-0501 (IOCS NO. 159039)	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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