



ICAT/BOV-0700/2022-23/R-2193

Date : 12th August 2022

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. Subhas Automotive Private Limited	
Company Address		Plant Address
Near Girias Showroom, No.2/3, 6th Cross, Mysore Road, Old Guddadahalli, Bengaluru Urban, Karnataka, 560 026		48 to 54, 2nd Cross, Sri Vaishnodevi Indl. Estate, Kumbalgodu, Bengaluru Urban, Karnataka, 560 074
Base Model	Vehicle Description	Working Voltage (V)
GARUDA	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 & Test Results: (Refer ANNEXURE - I for photographs)**

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	17.3 kmph	✓
Max 30 min Power	< 250 W	102 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. Mizuki	202111YW5093	
Controller	M/s. Subhas Automotive Pvt. Ltd.	SAPL22-0001	
Battery	M/s. Battery Bulls	BBCK202202584	
Charger	M/s. Nutech	ECO EV600-60	

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 0917 dt. 25.07.2022	
ICAT Ref No.	2022-0700 (IOCS NO. 159561)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		PAMELA TIKKU DIRECTOR (Offg.)
		Page 1 of 2