



ICAT/BOV-0469/2022-23/R-2737

Date : 04th November 2022

ICAT/BOV-0469/2022-23/R-2737

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. Yulu Bikes Private Limited	
Company Address	Plant Address	
Villa 119, Adarsh Palm Retreat, Devarabeesanahalli, Bellandur, Bengaluru (Bangalore) Urban, Karnataka, 560 103.	M/s. Bajaj Auto Limited Bajaj Auto Limited Complex Mumbai - Pune Road, Akurdi Pune, Maharashtra, 411 035.	
Base Model	Vehicle Description	Nominal Voltage (V)
MIRACLE	Two Wheeler Battery Operated Vehicle without Pedal Assistance	51.2

2. Test Objective:


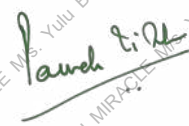

To carry out testing/verification of battery operated two wheeler, having power less than 250W and speed less than 25 km/hr for exemption to be a motor vehicle, under CMVR vide GSR 291 (E) dated 24.04.2014.

3. Observations & Test Results: (Refer ANNEXURE - I for photographs)

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	21.9 kmph	✓
Max 30 min Power	< 250 W	202 W	
Unladen Weight (Without battery)	≤ 60 kg	49 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. Wuxi Yadea Import-Export Co. Ltd.	YA48V250W22052502004	
Controller	M/s. Bajaj Auto Limited	GL301039	
Battery	M/s. Tata Autocomp System	GL405133	
Charger	M/s. Yulu Energy Private Limited	MPB2012UIAD010	

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 1102 dt. 01.11.2022	
ICAT Ref No.	2022-0469 (IOCS NO. 158232)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 VIJAYANTA AHUJA DEPUTY GENERAL MANAGER	 PAMELA TIKKU DIRECTOR (Offg.)	 Page 1 of 2