



ICAT/BOV-0898/2022-23/S-2288

Date : 13th January 2023

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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. G-Byke Electric Vehicle Manufacturing Company	
Company Address		Plant Address
Plot No. 170, Sector No. 01, Pilibangan, Hanumangarh, Rajasthan, 335 803		Opposite Indira Gandhi Memorial College, Between Railway and Highway Road, Suratgarh Road, Pilibanga, Hanumangarh, Rajasthan, 335 803
Base Model	Vehicle Description	Nominal Voltage (V)
GB-XI	Two Wheeler Battery Operated Vehicle without Pedal Assistance	72

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	17.2 kmph	✓
Max 30 min Power	< 250 W	146 W	
Unladen Weight (Without battery)	≤ 60 kg	60 kg	
Battery Type & Packs	-	Lead Acid & 06	
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. G-Byke Electric Vehicle Manufacturing Company	GB	
Controller	M/s. G-Byke Electric Vehicle Manufacturing Company	GBC03	
Battery	M/s. Astar- Akash (Akash Indchi Import & Export Co.)	6-DZF-22.3	
Charger	M/s. Astar- Akash (Akash Indchi Import & Export Co.)	72V4A	

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.	CTOPS 0204 dt. 03.01.2022	
ICAT Ref No.	2022-0898 (IOCS NO. 159641)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER	SAURABH DALELA DIRECTOR	Page 1 of 2