



ICAT/BOV-2223/2022-23/S-0724

Date : 06th April 2023

ICAT/BOV-2223/2022-23/S-0724

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. Hero E Cycles (A Division of Hero Cycle Ltd.)	
Company Address		Plant Address
Hero Nagar, G T Road, Ludhiana, Punjab, 141 003		Plot A-01 Hi Tech Cycle Valley Village Dhanansu, Ludhiana.
Base Model	Vehicle Description	Nominal Voltage (V)
WINN+	Two Wheeler Battery Operated Vehicle with Pedal Assistance	36

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	23.5 kmph	✓
Max 30 min Power	< 250 W	185 W	
Unladen Weight (Without battery)	≤ 60 kg	29 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 - Disc	
Description	Make	Model / Part Id	
Motor	M/s. Shengyi	SY73626	
Controller	M/s. Tianjin Santroll Electric Technology Co. Ltd.	B-WZKD3610KA-Hero6.1-F4	
Battery	M/s. Stefen Electric	SB360116	
Charger	M/s. Shenzhen Modiard Co. Ltd.	BC257360020	

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 0469 dt. 24.03.2023	
ICAT Ref No.	2022-2223 (IOCS NO. 165398)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR
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