



ICAT/BOV-0790/2022-23/S-2041

Date : 06th January 2023

ICAT/BOV-0790/2022-23/S-2041

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. Surbhi E-Vehicles	
Company Address		Plant Address
Bhiwani, Dadri Gate, Dhana Road, Haryana, 127 021		Bhiwani, Dadri Gate, Dhana Road, Haryana, 127 021
Base Model	Vehicle Description	Nominal Voltage (V)
Eden	Two Wheeler Battery Operated Vehicle without Pedal Assistance	60

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	17.6 kmph	✓
Max 30 min Power	< 250 W	103 W	
Unladen Weight (Without battery)	≤ 60 kg	58 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. Surbhi E-Vehicles	ITC21H250W	
Controller	M/s. Surbhi E-Vehicles	SEVCT6001	
Battery	M/s. IPower Batteries Pvt. Ltd.	60V25AH	
Charger	M/s. Trontek	60V3A	

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 1225 dt. 29.12.2022	
ICAT Ref No.	2022-0790 (IOCS NO. 159113)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 MANUSUDAN JOSHI DEPUTY GENERAL MANAGER	 SAURABH DALELA DIRECTOR	Page 1 of 2