



ICAT/BOV/2022-23/S-0395

Date : 28<sup>th</sup> February 2023

ICAT/BOV/2022-23/S-0395

# 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. Espera Electric Vehicles LLP	
Company Address		Plant Address
First Floor, FF - 4, Hare Krushna Complex, Nr CTM, N H Road-8, Bagefirdos, Amraiwadi, Ahmedabad, Gujarat, 380 026		First Floor, FF - 4, Hare Krushna Complex, Nr CTM, N H Road-8, Bagefirdos, Amraiwadi, Ahmedabad, Gujarat, 380 026
Base Model	Vehicle Description	Nominal Voltage (V)
E-CROSS	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	20.3 kmph	✓
Max 30 min Power	< 250 W	143 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. Espera Electric Vehicles LLP	MT12-01	
Controller	M/s. Espera Electric Vehicles LLP	EASCT6001	
Battery	M/s. Amptek	62.9V 25AH	
Charger	M/s. Amptek	EASPL-400W	

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 0321 dt. 20.02.2023	
ICAT Ref No.	IOCS NO. 158891	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
		
<b>MADHUSUDAN JOSHI</b> DEPUTY GENERAL MANAGER		<b>SAURABH DALELA</b> DIRECTOR
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