



ICAT/BOV-2376/2022-23/S-0668

Date : 30<sup>th</sup> March 2023

ICAT/BOV-2376/2022-23/S-0668

# 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. Clenergy Innovations Private Limited	
Company Address		Plant Address
268/2, 42nd Street, 8th Sector, K K Nagar, Chennai, Tamil Nadu, India, 600 078		310/4, Surai Village, Sholinghur Taluk, Ranipet, Tamil Nadu, India, 632 505
Base Model	Vehicle Description	Nominal Voltage (V)
E-FLY	Two Wheeler Battery Operated Vehicle without Pedal Assistance	48

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	16.1 kmph	✓
Max 30 min Power	< 250 W	97 W	
Unladen Weight (Without battery)	≤ 60 kg	56 kg	
Battery Type & Packs	-	Lead Acid & 04	
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. Clenergy Innovations Pvt. Ltd.	202112010767	
Controller	M/s. Cy International	Cy12	
Battery	M/s. IPower	CS1228	
Charger	M/s. AStar	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 0811 dt. 27.06.2022	
ICAT Ref No.	2022-2376 (IOCS NO. 165772)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
<b>MADHUSUDAN JOSHI</b> <b>DEPUTY GENERAL MANAGER</b>		<b>SAURABH DALELA</b> <b>DIRECTOR</b>
		Page 1 of 2