



ICAT/BOV-0819/2023-24/S-2049

Date : 03<sup>rd</sup> October 2023

ICAT/BOV-0819/2023-24/S-2049

# 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. Essel Energy Infra Private Limited	
Company Address		Plant Address
Plot No. 55, Sector -34, Gurgaon, Haryana, 122 001		Plot No. 55, Sector -34, Gurgaon, Haryana, 122 001
Base Model	Vehicle Description	Nominal Voltage (V)
GET 5	Two Wheeler Battery Operated Vehicle with 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
Max Speed	< 25 kmph	16.43 kmph	✓
Max 30 min Power	< 250 W	201 W	
Unladen Weight (Without battery)	≤ 60 kg	32 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. Essel Energy Infra Private Limited	48-V 250-W	
Controller	M/s. Essel Energy Infra Private Limited	WK4835YN	
Battery	M/s. Essel Energy Infra Private Limited	48V 16AH-GZ-WP-BE	
Charger	M/s. Essel Energy Infra Private Limited	NEV-300NWP-LX-48	

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 0944 dt. 04.09.2023	
ICAT Ref No.	2023-0819 (IOCS NO. 168890)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
 <b>VIKAS SADAN</b> DEPUTY GENERAL MANAGER	 <b>SAURABH DALELA</b> DIRECTOR	 Page 1 of 2