



ICAT/BOV-0265/2022-23/R-2250

Date : 30<sup>th</sup> August 2022

ICAT/BOV-0265/2022-23/R-2250

**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. Ibent Energy Private Limited	
Company Address		Plant Address
Near Manji Sahib Gurudwara, Alamghir Road, Neelam Godown, Ludhiana, Punjab, 141 002		Near Manji Sahib Gurudwara, Alamghir Road, Neelam Godown, Ludhiana, Punjab, 141 002
Base Model	Vehicle Description	Working Voltage (V)
BREEZ LX	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	17.4 kmph	✓
Max 30 min Power	< 250 W	169 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. EMF Innovations Pvt. Ltd.	EMF-48-250	
Controller	M/s. EMF Innovations Pvt. Ltd.	IB250W	
Battery	M/s. Amptek	59.2V 28AH	
Charger	M/s. Amptek	AT672-5A	

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 0857 dt. 07.07.2022	
ICAT Ref No.	2022-0265 (IOCS NO. 158473)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
		
<b>VIJAYANTA AHUJA</b> DEPUTY GENERAL MANAGER		<b>PAMELA TIKKU</b> DIRECTOR (Offg.)
		
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