



ICAT/BOV-0641/2022-23/R-3041

Date : 30th December 2022

ICAT/BOV-0641/2022-23/R-3041

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. Onzo EV Motors Pvt. Ltd.	
Company Address	Plant Address	
302- Pearls Business Park, Netaji Shubhash Place, Pitampura, New Delhi, 110 034	Plot No.-350, Phase-V Sec-56, HSIIDC, Kundli, Sonapat, Haryana, 131 028	
Base Model	Vehicle Description	Nominal Voltage (V)
ONZO SUMO	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	14.4 kmph	✓
Max 30 min Power	< 250 W	179 W	
Unladen Weight (Without battery)	≤ 60 kg	59 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. Wuxi Sinotech Import & Export Co. Ltd.	JY250M	
Controller	M/s. Wuxi Sinotech Import & Export Co. Ltd.	ZWK048060032A	
Battery	M/s. IPower Batteries Pvt. Ltd.	LI6034	
Charger	M/s. IPower Batteries Pvt. Ltd.	C600M-IPLI16S6A	

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 0912 dt. 25.07.2022	
ICAT Ref No.	2022-0641 (IOCS NO. 159454)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER	 SAURABH DALELA DIRECTOR	Page 1 of 2