



ICAT/BOV-0168/2022-23/R-2905

Date : 08th December 2022

ICAT/BOV-0168/2022-23/R-2905

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. Avon Industries	
Company Address		Plant Address
Plot No. 08 Govind Dham Near Sain Dharm Kanta, Naraich Hathras Road, Agra, Uttar Pradesh, 282 006		Plot No. 08 Govind Dham Near Sain Dharm Kanta, Naraich Hathras Road, Agra, Uttar Pradesh, 282 006
Base Model	Vehicle Description	Nominal Voltage (V)
Green Loader	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	14.7 kmph	✓
Max 30 min Power	< 250 W	133 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 - Disc	
Description	Make	Model / Part Id	
Motor	M/s. Avon Industries	XZS6.30	
Controller	M/s. Avon Industries	DTC	
Battery	M/s. iPower	LI6029	
Charger	M/s. LIFLO Chargers	LF1C6706	

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 1145 dt. 29.11.2022	
ICAT Ref No.	2022-0168 (IOCS NO. 158190)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR
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