



ICAT/BOV-0249/2022-23/R-1988

Date : 07<sup>th</sup> September 2022

ICAT/BOV-0249/2022-23/R-1988

# 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. Malak Techno Private Limited	
Company Address		Plant Address
Vill-Bharwara, Chinhat, Lucknow, Uttar Pradesh, 226028		Vill-Bharwara, Chinhat, Lucknow, Uttar Pradesh, 226028
Base Model	Vehicle Description	Nominal Voltage (V)
KYO	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	22.1 kmph	✓
Max 30 min Power	< 250 W	167 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. Malak Techno Pvt. Ltd.	MT/2W/LS/250/M	
Controller	M/s. Malak Techno Pvt. Ltd.	MT/2W/LS/250/C	
Battery	M/s. Jackvolt.	JackVolt	
Charger	M/s. Volta.	DP/EVC/00703	

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 0799 dt. 22.06.2022	
ICAT Ref No.	2022-0249 (IOCS NO. 158165)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
 <b>VIJAYANTA AHUJA</b> DEPUTY GENERAL MANAGER	 <b>PAMELA TIKKU</b> DIRECTOR (Offg.)	
		Page 1 of 2