



ICAT/BOV-0267/2022-23/R-1958

Date : 14th September 2022

ICAT/BOV-0267/2022-23/R-1958

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. Marvel Manufacturers	
Company Address	Plant Address	
Madhaparavillage, Near Ice Factory, Opp. Gandhi Society, Plot No. L/4, Old Revenue Survey No. 108 And 109, Rajkot Jamnagar Highway, Madhapara Village, Rajkot, Gujarat, 360 006	Madhaparavillage, Near Ice Factory, Opp. Gandhi Society, Plot No. L/4, Old Revenue Survey No. 108 And 109, Rajkot Jamnagar Highway, Madhapara Village, Rajkot, Gujarat, 360 006	
Base Model	Vehicle Description	Nominal Voltage (V)
Dreamer	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	16.2 kmph	✓
Max 30 min Power	< 250 W	95 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. Marvel Manufacturers	CV30	
Controller	M/s. Marvel Manufacturers	MMC60	
Battery	M/s. Marvel Manufacturers	60V24AH	
Charger	M/s. Marvel Manufacturers	DC71.4V5A	

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 0809 dt. 24.06.2022	
ICAT Ref No.	2022-0267 (IOCS NO, 158481)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
	 PAMELA TIKKU DIRECTOR (Offg.)	
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		Page 1 of 2