



ICAT/BOV-0375/2022-23/S-2040

Date : 06th January 2023

ICAT/BOV-0375/2022-23/S-2040

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. Shree Maa Motors Private Limited	
Company Address		Plant Address
Ward No 25, Plot No 150, Shyam Nagar, Chirawa, Jhunjhunu, Rajasthan, 333 026		Ward No 25, Plot No 150, Shyam Nagar, Chirawa, Jhunjhunu, Rajasthan, 333 026
Base Model	Vehicle Description	Nominal Voltage (V)
Manju Devi	Two Wheeler Battery Operated Vehicle without Pedal Assistance	48

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	17.5 kmph	✓
Max 30 min Power	< 250 W	110 W	
Unladen Weight (Without battery)	≤ 60 kg	56 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. Shree Maa Motors Private Limited	MT12-01	
Controller	M/s. Shree Maa Motors Private Limited	SMMCT-48-250W	
Battery	M/s. Shree Maa Motors Private Limited	SMMPL-48V-25AH	
Charger	M/s. Shree Maa Motors Private Limited	SMMPL/EVC/2WC/3WC	

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 1229 dt. 30.12.2022	
ICAT Ref No.	2022-0375 (IOCS NO. 158161)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR
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