



ICAT/BOV-0674/2022-23/R-2928

Date : 13<sup>th</sup> December 2022

ICAT/BOV-0674/2022-23/R-2928

# 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. Mapsor Energy LLP	
Company Address	Plant Address	
C14, 1st Floor, Panchsheel Colony, Jaipur, Rajasthan, 302 019	640, Basadi Mukundpura Road, Jaipur, Rajasthan, 302 026	
Base Model	Vehicle Description	Nominal Voltage (V)
M4	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	20.2 kmph	✓
Max 30 min Power	< 250 W	140 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. Mapsor Energy LLP	MM48V250	
Controller	M/s. Mapsor Energy LLP	MC48V250	
Battery	M/s. IPower	LI48V24AH	
Charger	M/s. IPower	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 0844 dt. 05.07.2022	
ICAT Ref No.	2022-0674 (IOCS NO. 159309)	Please turn over for DISCLAIMER
<b>AUTHORISED SIGNATORY</b>		
		
SAURABH DALELA DIRECTOR		Page 1 of 2