



ICAT/BOV-0812/2024-25/T-1632

Date : 17th October 2024

ICAT/BOV-0812/2024-25/T-1632

TEST REPORT

FOR

COMPLIANCE TO G.S.R 823 (E) dt.06.11.2023 &
G.S.R 838 (E) dt.14.11.2023



1. Company and Vehicle base model details:

Documental Reference	Vehicle Manufacturer	
Current Document	M/s. FIT TECH INDIA SPORTS & FITNESS EQUIPMENT PRIVATE LIMITED	
Company Address	Plant Address	
NIT Faridabad, Plot No. 25, Opp. To SS Industries, Dabua Pali Road, Faridabad, Faridabad, Haryana, 121001	NIT Faridabad, Plot No. 25, Opp. To SS Industries, Dabua Pali Road, Faridabad, Faridabad, Haryana, 121001	
Base Model	Vehicle Description	Nominal Voltage (V)
GREEN SUNNY	Two Wheeler Battery Operated Vehicle with 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 G.S.R 823 (E) dt.06.11.2023 & G.S.R 838 (E) dt.14.11.2023

3. Observations & Test Results: (Refer ANNEXURE - I for photographs)

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	20.55 kmph	✓
Max 30 min Power	< 250 W	0.102kW @ 9.8 km/h	
Unladen Weight (Without battery)	≤ 60 kg	36 kg	
Battery Type & Packs	-	Lead Acid & 04	
Fitment of reflector (Front/Rear)	Fr- White colour/Rr- Red colour	Fr- White colour/Rr- Red colour	
Suitable braking system	Fitted	Fr - Drum / Rr - Drum	
Description	Make	Model / Part Id	
Motor	M/s. SHANDONG LION ELECTRIC TECHNOLOGY CO., LTD	SDM02	
Controller	M/s. SHANDONG LION ELECTRIC TECHNOLOGY CO., LTD	SDC02	
Battery	M/s. ASTAR	6-DZF-13	
Charger	M/s. ASTAR	48V3A	

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 G.S.R 823 (E) dt. 06.11.2023 & G.S.R 838 (E) dt.14.11.2023

Power Test Report No.	CTOPT 0689 dt. 15.10.2024		
ICAT Ref No.	2024-0812 (IOCS NO, 179117)	Please turn over for DISCLAIMER	
AUTHORISED SIGNATORY			
JAYWANT HARDIKAR HEAD-CMVR		SAURABH DALELA DIRECTOR	Page 1 of 2