



ICAT/BOV-0379/2022-23/R-1962

Date : 02nd September 2022

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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. Shurbhi Autotech Private Limited	
Company Address		Plant Address
Plot No. 45, Sidhpur Industrial Area, GIDC, State Highway, Sidhpur, Patan, Gujarat, 384 151		Plot No. 45, Sidhpur Industrial Area, GIDC, State Highway, Sidhpur, Patan, Gujarat, 384 151
Base Model	Vehicle Description	Working Voltage (V)
S-PAVAN	Two Wheeler Battery Operated Vehicle without Pedal Assistance	59.2

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 kmph	✓
Max 30 min Power	< 250 W	190 W	
Unladen Weight (Without battery)	≤ 60 kg	57 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. Shurbhi Autotech Pvt. Ltd.		FNBPL-H
Controller	M/s. Shurbhi Autotech Pvt. Ltd.		SAC60
Battery	M/s. Amptek		ATN01094B22
Charger	M/s. Current King Industry Pvt. Ltd.		BB67.2V5A

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 0775 dt. 20.06.2022	
ICAT Ref No.	2022-0379 (IOCS NO. 158594)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
		
VIJAYANTA AHUJA DEPUTY GENERAL MANAGER		PAMELA TIKKU DIRECTOR (Offg.)
		
		Page 1 of 2