



ICAT/BOV-0581/2022-23/R-2996

Date : 21st December 2022

ICAT/BOV-0581/2022-23/R-2996

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. Pushbrite Electronics Private Limited	
Company Address	Plant Address	
Survey No. 57/5, Khata No 299, Taluka Umbergaun, Village Khattalwad, Valsad, Gujrat, 396 120	Survey No. 57/5, Khata No 299, Taluka Umbergaun, Village Khattalwad, Valsad, Gujrat, 396 120	
Base Model	Vehicle Description	Nominal Voltage (V)
ELITE	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	17.5 kmph	✓
Max 30 min Power	< 250 W	221 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 - Disc	
Description	Make	Model / Part Id	
Motor	M/s. Taizhou Jinyu Motor Co. Ltd.	10ZW7270321YA	
Controller	M/s. Pushbrite Electronics Private Limited	ZWK060040A	
Battery	M/s. Pushbrite Electronics Private Limited	60V24Ah	
Charger	M/s. Linhai Qineng Electronic Technology Co. Ltd.	DZL6040-10	

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.	CT0PR 1188 dt. 14.12.2022	
ICAT Ref No.	2022-0581 (IOCS NO. 159290)	Please turn over for DISCLAIMER
AUTHORISED SIGNATORY		
 MANUSUDAN JOSHI DEPUTY GENERAL MANAGER	 SAURABH DALELA DIRECTOR	Page 1 of 2