



TC-5360

CTOPR 0678

Date : 30th May 2022

CTOPR0678


ULR No : TC536022150000498F

TEST REPORT TYPE APPROVAL



| Objective of the test | | Vehicle Manufacturer | |
|------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|
| To conduct type approval tests as per the requirements of AIS-041:2003 | | M/s Opto Electric Vehicles | |
| | | Ground Floor, No.4A., Selvi Complex, Mariamman Kovil Street, Gundupalayam, Puducherry, 605 009 | |
| Vehicle Model | | Test Vehicle | |
| ARO | | Battery operated vehicle 2W less than 250 Watt | |
| Test Request | 158125; Date:- 19 th April 2022 | Vehicle received at VTL | 30 th May 2022 |
| Frame No. | JSFSC202233 | Unladen weight (kg) | 65 |
| Road Load Equation F=N, V=km/h | $F = 12.3 + 0.0221 v^2 + 140 dv/dt$ | Equivalent Inertia (kg) | 140 |
| Coast down Procedure | As per part XIII of MoRTH/CMVR/TAP-115/116. (Amendment No.1) | | |
| Test Procedure | As per AIS-041:2003 | | |
| Test Equipment | Make | Type | |
| Chassis Dyno | AVL Zollner GmbH, GMBH | 955 mm Compact Chassis Dyno | |
| Cooling Fan | AVL Zollner GmbH, GMBH | Air Stream Fan | |
| Driver Aid | AVL Zollner GmbH, GMBH | -- | |
| Power Supply | Aplab | DC Power Supply | |

Please turn over for DISCLAIMER

| AUTHORISED SIGNATORY | | | |
|--------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Prepared By | Checked By |  INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY Innovation • Service • Excellence MANESAR • 190 TONNAGE | Approved By |
| ADITYA KUMAR Engineer | ENOCH EAPEN Manager | | VIKAS SADAN Dy. General Manager |



Page 1 of 2