

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-724
ANSWERED ON- 26/07/2023

BATTERY SWAPPING SCHEMES FOR EVS

724. SHRI HARNATH SINGH YADAV:
SHRI VIJAY PAL SINGH TOMAR:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether Government has worked out the details of the proposal for Battery Swapping Scheme for Electric Vehicles (EVs);
- (b) if so, the details thereof; and
- (c) whether there is any budgetary support for the scheme?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS
(SHRI NITIN JAIRAM GADKARI)

(a) and (b) During the Union Budget 2022-2023, the Government has announced plans to introduce a Battery Swapping Policy and interoperability standards, as under:-

“Considering the constraint of space in urban areas for setting up charging stations at large scale, a battery swapping policy will be brought out and inter-operability standards will be formulated. The private sector will be encouraged to develop sustainable and innovative business models for ‘Battery or Energy as a Service’. This will improve efficiency in the EV ecosystem.”

NITI Aayog is leading the formulation of Battery Swapping Policy and Battery Swapping Standards with all relevant stakeholders. Further, Bureau of Indian Standards (BIS) has formulated the following two Standards on Electric vehicle battery swap system:-

- (i) IS 17896 (Part 1): 2022 Electric vehicle battery swap system - Part 1: General and Guidance.
- (ii) IS 17896 (Part 2): 2022 Electric vehicle battery swap system - Part 2: Safety requirements."
- (c) There is no budgetary support for the scheme.
