

**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 1280
ANSWERED ON 9th FEBRUARY 2023**

BATTERY SWAPPING FOR ELECTRIC VEHICLES

1280. SHRI BENNY BEHANAN:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) the steps taken by the Government to ensure common swapping standards for batteries for Electric Vehicles (EV) to ensure full compatibility of swapped batteries in EV;**
- (b) whether the Government also proposes to allow the market to develop its own multiple standards for EV batteries;**
- (c) if so, the details thereof along with the reasons therefor; and**
- (d) the steps taken by the Government to subsidise the development and adoption of battery swapping technology in the country in order to make it more affordable to consumers?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (d) Battery swapping policy aims to create a framework for greater interoperability while safeguarding the innovation potential of the EV battery ecosystem. Currently, BIS has formed a committee under ETD51 to formulate the standards for form factor (i.e. size and dimensions) of the battery, communication protocols, connectors and interoperability that shall ensure comprehensive interoperability amongst EVs. These standards are being formulated in consultation with stakeholders keeping in mind that it does not stifle innovation and enables efficient, reliable, safe and user-friendly implementation of battery-swapping infrastructure.
