



بنك دبي الإسلامي Dubai Islamic Bank #ReadyForTheNew

## Learn About Electric and Hybrid Cars

This Advisory is Updated as of January 2024



This guide will act as an Advisory and ensure that you are well informed about the decision you are making. It will also help you choose your electric vehicle smartly.



## ELECTRIC VEHICLE FACTS SHEET





An Electric Car (EV) is essentially an automatic vehicle with an electric motor powering it. A fully electric car does not run on or have a petrol or diesel engine. Electric vehicles (EVs) have a battery instead of a gasoline tank, and an electric motor instead of an internal combustion engine. The electric vehicle has one moving part, the motor, whereas the gasoline-powered vehicle has hundreds of moving parts





## 2. What are the different types of EV Chargers?

There are four types of electric vehicle charges:





#### Fast Charger

(43 kW AC with Type 2 Socket, 50 kW DC ChadeMO and Combo CCS Sockets). Most of these are installed at petrol stations





## 3. Where can you purchase an electric vehicle?

With automobile companies launching new models each year, the number of electric cars is growing rapidly throughout the country. If you are planning for an eco-friendly car then electric cars are the right choice.

There are many Auto Franchise companies which are bringing different electric car models into the UAE. The choices of models and options are available to suit all types of customers.

Known Brands Like TESLA, Mercedes-Benz, Porsche, are selling EV cars at their dealerships. The final prices and availability are subject to change depending on various factors and may vary from brand to brand.



## 4. What is the typical range of an electric vehicle?







# 5. How much does it cost to charge an electric vehicle?

The cost of charging the electric vehicle depends on the capacity of the battery and the use by the driver.

In Dubai and starting 1st January 2022, the cost of charging electric vehicles at public charging stations will be 29 fils per kilowatt hour for commercial and non-commercial EV Charger registered users which is a great saving compared to fuel-powered cars.

# 6. Can you install an electric vehicle charger at home? How much does it cost?

Home chargers can be installed by a third party at customers' premises. Approved electrical contractors by authority (DEWA for example) should be used for the installation of any electrical equipment within the Emirate of Dubai, including home charging stations. When charging the car at home, the electricity used is added to the normal utility bill at standard residential electricity rates.



### 7. EV market place



#### **TESLA Model 3**

Year : **2023** Battery Range (kms) : **491 to 602** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **54 to 75** Base model Starting price (AED) : **168,990 to 199,990** 



#### **TESLA Model X**

Year : **2023** Battery Range (kms) : **536 to 560** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **75 to 100** Base model Starting price (AED) : **384,990 to 458,990** 



#### TESLA Model Y Year : 2023 Battery Range (kms) : 514 to 533 Battery charging time : 1 to 8 hours

Battery Capacity(Kwh) : **75** Base model Starting price (AED) : **189,990 to 229,990** 



**TESLA Model S** 

Year : **2023** Battery Range (kms) : **637 to 652** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **75 to 100** Base model Starting price (AED) : **355,990 to 447,990** 







#### **Mercedes EQS**

Year : **2023** Battery Range (kms) : **581 - 692** Battery charging time : **9 hours** Battery Capacity(Kwh) : **108.4** Base model Starting price (AED) : **649,000 - 738000** 



#### Mercedes EQE

Year : **2023** Battery Range (kms) : **587 - 669** Battery charging time : **8.3 hours** Battery Capacity(Kwh) : **90.56** Base model Starting price (AED) : **449,000 - 456,000** 



Mercedes EQB

Year : **2023** Battery Range (kms) : **388 - 432** Battery charging time : **6.5 hours** Battery Capacity(Kwh) : **66.5** Base model Starting price (AED) : **319,000** 



Mercedes EQA Year : 2023 Battery Range (kms) : 411 - 438 Battery charging time : 6.5 hours Battery Capacity(Kwh) : 66.5 Base model Starting price (AED) : 294,000 - 299,000





#### Audi E Tron

Year : **2023** Battery Range (kms) : **470** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **95** Base model Starting price (AED) : **469,850 to 630,000** 



Audit Q8 E-Tron Year : 2023 Battery Range (kms) : 580 Battery charging time : Depending on which charger used Battery Capacity(Kwh) : 106 Base model Starting price (AED) : 420,000 to 460,000



#### **BMW IX**

Year : 2022 Battery Range (kms) : 424 to 630 Battery charging time : 1 to 8 hours Battery Capacity(Kwh) : 71 to 105 Base model Starting price (AED) : 475,000 to 511,000



Polestar 2 Year : 2022 Battery Range (kms) : 444 to 490 Battery charging time : 1 to 8 hours Battery Capacity(Kwh) : 69 to 78 Base model Starting price (AED) : 184,000 to 273,900





#### Hyundai loniq 5

Year : **2022** Battery Range (kms) : **470** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **58 to 72** Base model Starting price (AED) : **150,000 to 200,000** 



#### Hyundai KONA

Year : **2023** Battery Range (kms) : **484** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **64** Base model Starting price (AED) : **179,000** 



#### Jaguar I-Pace

Year : **2022** Battery Range (kms) : **470 to 543** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **90** Base model Starting price (AED) : **385,000 to 401,000** 



Porsche Taycan

Year : **2023** Battery Range (kms) : **431 to 450** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **93.4** Base model Starting price (AED) : **399,000 to 700,000** 



#### Hongqi E-HS9

Year : **2023** Battery Range (kms) : **510** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **99** Base model Starting price (AED) : **417,000 to 540,000** 



**Porsche Taycan** 

Year : **2023** Battery Range (kms) : **431 to 450** Battery charging time : **1 to 8 hours** Battery Capacity(Kwh) : **93.4** Base model Starting price (AED) : **399,000 to 700,000** 



#### Skywell ET5

Year : **2023** Battery Range (kms) : **400+** Battery charging time : **50 mins DC Charger, 8 Hrs AC charger** Battery Capacity(Kwh) : **72** Base model Starting price (AED) : **165,000 to AED 195,000** 

#### Important Notes:



- This guide is built to help you understand the electric vehicle market and is valid as of January 2024
- Base models, trims and variants prices are different from model to model and does not include VAT.
- For details on prices and car availability, you may contact your local dealers.
- As possible, only vehicle specifications for the most recent model year are available in this guide
- Battery range is subject to change depending on different climates and driving conditions.
- Battery Charging time is dependent on type of chargers and their output.

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