

**Battery**

a container consisting of one or more cells, in which chemical energy is converted into electricity and used as a source of power - *Apple Dictionary*

**Energy**

the strength and vitality required for sustained physical or mental activity - *Apple Dictionary*

**Tesla**

Tesla, Inc. (formerly Tesla Motors, Inc.) is an American electric vehicle and clean energy company based in Palo Alto, California. Tesla's current products include electric cars (the Model S, Model 3, Model X, and Model Y), battery energy storage from home to grid scale and related products and services.

- *Wikipedia*

**AI**

the theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.

- *Apple Dictionary*

**Eco system**

a biological community of interacting organisms and their physical environment: the marine ecosystem of the northern Gulf had suffered irreparable damage.

- *Apple Dictionary*

## Range of EVs by brands

### Range of full electric vehicles

This cheatsheet shows all electric vehicles sorted by range. The cheatsheet is made as a quick reference, click on a vehicle for all details. Data is based on real-world values. The average is corrected for multiple versions of the same model.

\* = data for upcoming cars and might be based on estimates.

TIP: click on a vehicle to show full data.

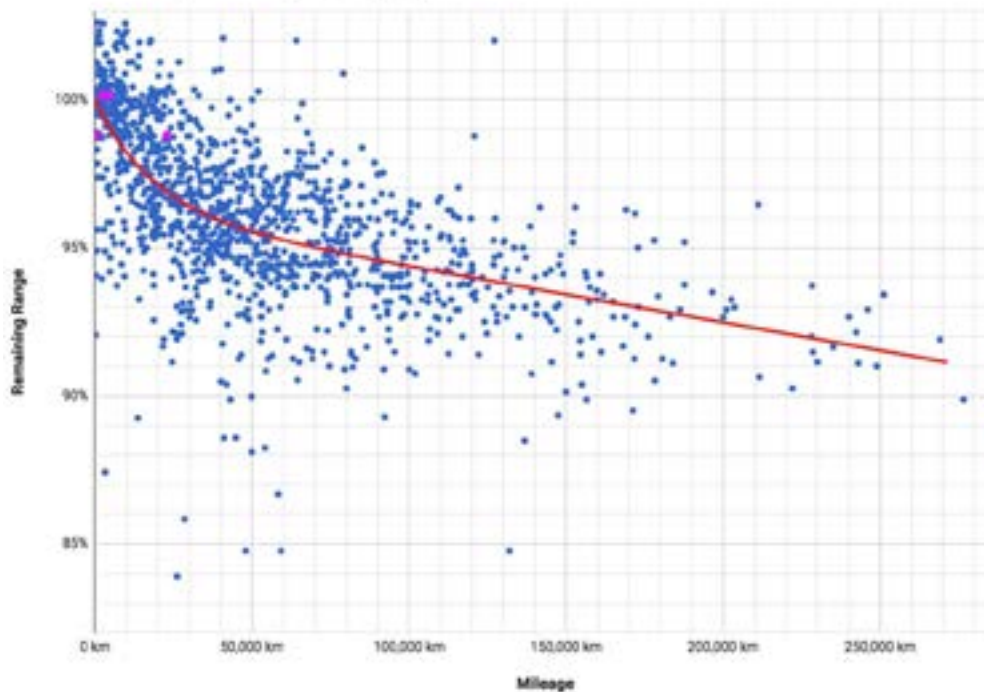
Select a cheatsheet:

Range

Average	317 km
<a href="#">Tesla Cybertruck Tri Motor *</a>	750
<a href="#">Lucid Air</a>	650
<a href="#">Lightyear One</a>	575
<a href="#">Tesla Model S Long Range</a>	515
<a href="#">Tesla Model S Performance</a>	505
<a href="#">Tesla Cybertruck Dual Motor *</a>	460
<a href="#">Tesla Model 3 Long Range Dual Motor</a>	450
<a href="#">Tesla Model X Long Range</a>	450
<a href="#">BMW i4 *</a>	450
<a href="#">Nissan Ariya e4x4</a>	440
<a href="#">Volkswagen ID.3 Pro S</a>	440
<a href="#">Tesla Model X Performance</a>	440
<a href="#">Ford Mustang Mach-E ER RWD</a>	440
<a href="#">Tesla Model 3 Long Range Performance</a>	435
<a href="#">Porsche Taycan 4S Plus</a>	435
<a href="#">Audi e-tron GT *</a>	425
<a href="#">CUPRA el-Born *</a>	425

## TESLA Battery Capacity

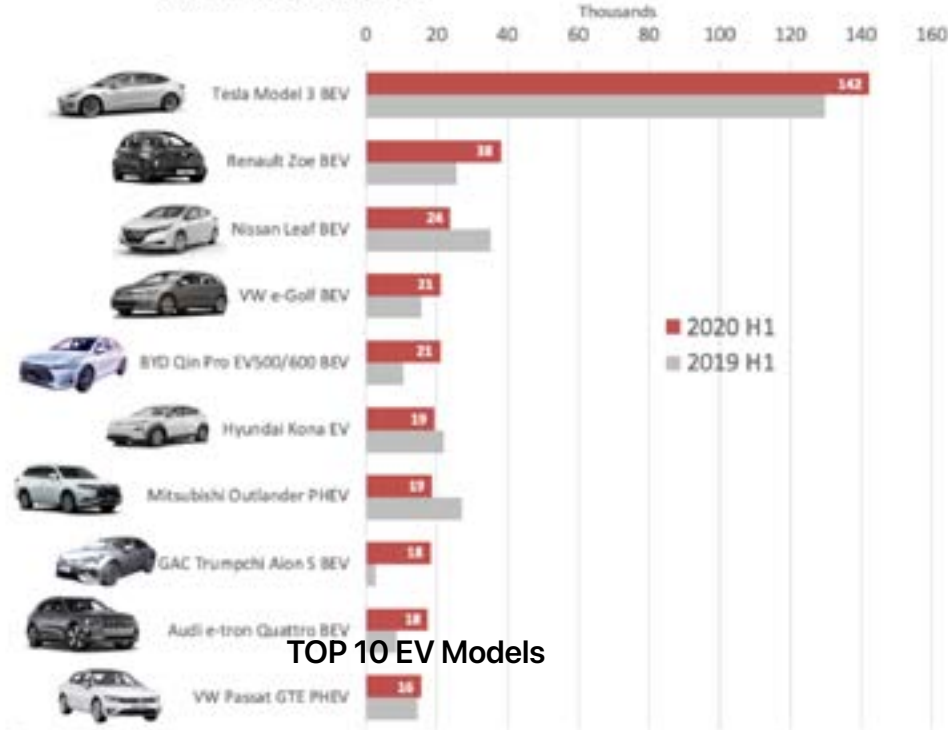
Tesla Model S/X Mileage vs Remaining Battery Capacity



# TOP 10 EV Models

## TOP-10 EV MODELS - GLOBAL DELIVERIES 2020 H1 vs 2019 H1

EV VOLUMES



### TOP 10 EV Models

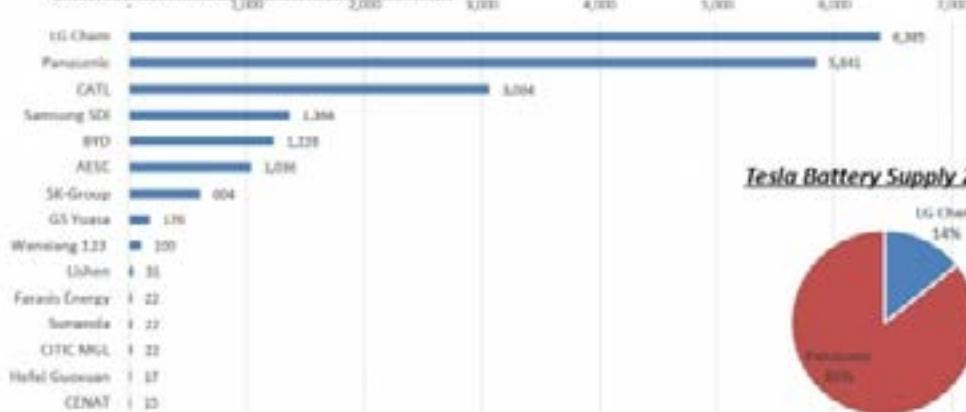
Picture Credits: WhatEV2Buy

Tesla Model-3 Sales Vs Segment Competition

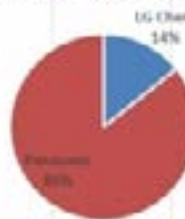
2020 January thru June Deliveries ('000s)					
	Europe	USA	China	Global	Vs 2019 H1
<b>Tesla Model-3</b>	33	41	48	<b>142</b>	12
BMW 3&4-Series	62	22	65	<b>162</b>	-28
Mercedes C & CLA-Class	74	18	70	<b>177</b>	-71
Audi A4 & A5	50	19	51	<b>125</b>	-72
Other	35	47	15	<b>112</b>	-63
<b>Total Segment</b>	<b>254</b>	<b>147</b>	<b>249</b>	<b>718</b>	<b>-222</b>

# EV Battery Ranking

## EV Battery Supplier Ranking 2020. Q1



## Tesla Battery Supply 2020. Q1



[GWh]

Gigawatt hours, abbreviated as GWh, is a unit of energy representing one billion (1 000 000 000) watt hours and is equivalent to one million kilowatt hours. Gigawatt hours are often used as a measure of the output of large electricity power stations  
- eurostat

- 2020. Q1.
- Shipment Data : Battery capacity which is shipped out from battery makers
- Installation Data : Battery capacity which is installed on sales EV

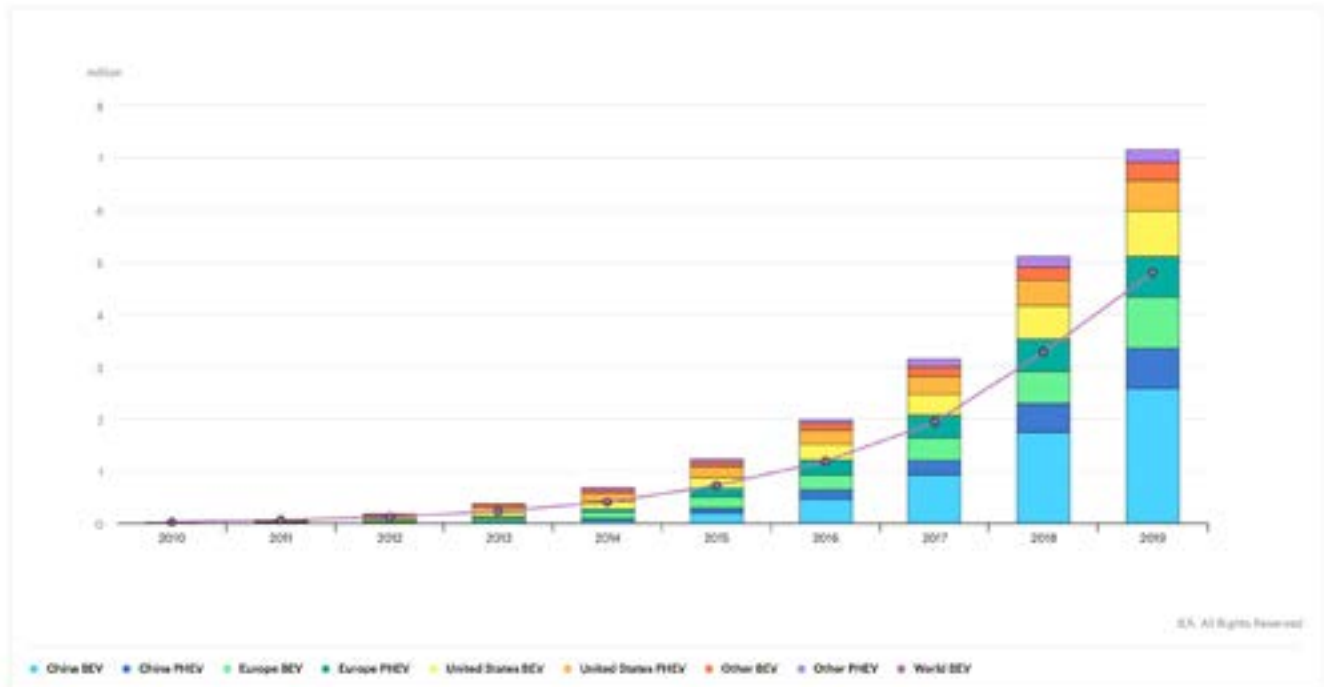
## Global Electric car stock

# Global electric car stock, 2010-2019

Last updated 14 Jun 2020

Download chart »

Cite Share



## Sources

<https://ev-database.org/cheatsheet/range-electric-car>

<https://electrek.co/2018/04/14/tesla-battery-degradation-data/#jp-carousel-65299>

<https://www.iea.org/data-and-statistics/charts/global-electric-car-stock-2010-2019>

<https://www.ev-volumes.com/>

<http://www.theinvestor.co.kr/view.php?ud=20200513000788>