# First-time registered electric cars



#### Tesla Model Y

Electric vehicles registered for the first time (2022 Q3):

20,657

2



# Tesla Model 3

Electric vehicles registered for the first time (2022 Q3):

11,571

3



# Kia Niro EV

Electric vehicles registered for the first time (2022 Q3):

9,367

#### Licenced electric vehicles

	Model	2021 Q3	2022 Q3
1	Tesla Model Y	0	20,657
2	Tesla Model 3	22,079	11,571
3	Kia Niro EV	8,996	9,367
4	Volkswagen ID.3	8,387	6,846
5	Hyundai Ioniq Electric	3,668	6,436
6	MG 5	3,575	5,387
7	Nissan Leaf	6,165	5,296
8	Hyundai Kona Electric	5,065	4,947
9	Audi e-tron	5,894	4,933
10	Mini Cooper Electric	3,376	4,786

# **Electric Vehicle Macbook Compare**

Katerina E. Aifantis, R. V. Kumar, Pu Hu

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The Global Automotive Industry Paul Nieuwenhuis, Peter Wells, 2015-08-06 The automotive industry is still one of the world's largest manufacturing sectors but it suffers from being very technology focused as well as being relatively short term focused There is little emphasis within the industry and its consultancy and analyst supply network on the broader social and economic impacts of automobility and of the sector that provides it The Global Automotive Industry addresses this need and is a first port of call for any academic official or consultant wanting an overview of the state of the industry An international team of specialist researchers both from academia and business review and analyse the key issues that make vehicle manufacturing still the world's premier manufacturing sector closely tied in with the fortunes of both established and newly emerging economies In doing so it covers issues related to manufacturing both established practices as well as new developments issues relating to distribution marketing and retail vehicle technologies and regulatory trends and crucially labour practices and the people who build cars In all this it explains both how the current situation arose and also likely future trajectories both in terms of social and regulatory trends as the technological marketing and labour practice responses to those leading in many cases to the development of new business models Key features Provides a global overview of the automotive industry covering its current state and considering future challenges Contains contributions from international specialists in the automotive sector Presents current research and sets this in an historical and broader industry context Covers threats to the industry including globalization economic and environmental sustainability The Global Automotive Industry is a must have reference for researchers and practitioners in the automotive industry and is an excellent source of information for business schools governments and graduate and undergraduate students in automotive engineering

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challenges of battery storage in everyday devices including vehicles but also whether increased widespread application of battery technology has real environmental benefits that could change the future of our planet Is 21st century battery technology the foundation on which our low carbon future will be built The Electric Battery Charging Forward to a Low Carbon Future documents the long history of the battery and identifies the reasons it is now a key to achieving a low carbon world The book provides an unprecedented and easy to understand explanation of both the policy issues and technological challenges facing the battery in the guest to significantly reduce humanity s collective carbon footprint on the earth Readers will be able to intelligently evaluate the chances of electric storage batteries ultimately becoming as mainstream as petroleum product fueled infrastructure and vehicles The chapters in the book break down the complexity of the technology and elucidate the historic confluence of events that makes battery technology economically viable to any reader looking to understand the technological and policy breakthroughs that could enable a low carbon future for this generation as well as for subsequent ones Rechargeable Ion Batteries Katerina E. Aifantis, R. V. Kumar, Pu Hu, 2022-11-16 Rechargeable Ion Batteries Highly informative and comprehensive resource providing knowledge on underlying concepts materials ongoing developments and the many applications of ion based batteries Rechargeable Ion Batteries explores the concepts and the design of rechargeable ion batteries including their materials chemistries applications stability and novel developments Focus is given on state of the art Li based batteries used for portable electronics and electric vehicles while other emerging ion battery technologies are also introduced. The text addresses innovative approaches by reviewing nanostructured anodes and cathodes that pave new ways for enhancing the electrochemical performance. The first three chapters are dedicated to the general concepts of electrochemical cells enabling readers to understand all necessary concepts for batteries from a single book The following chapter covers the exciting applications of lithium ion and sodium ion batteries while the subsequent chapters on Li battery components include new types of anodes cathodes and electrolytes that have been developed recently complemented by an overview of designing mechanically stable ion battery systems The last three chapters summarize recent progress in lithium sulfur sodium ion magnesium ion and zinc and emerging ion battery technologies In Rechargeable Ion Batteries readers can expect to find specific information on Electrochemical cells primary batteries secondary batteries recycling of batteries applications of lithium and sodium batteries Next generation cathodes anodes and electrolytes for secondary lithium ion batteries which allow for improved performance and safety Multiphysics modeling for predicting design criteria for next generation ion insertion electrodes Developments in lithium sulfur batteries sodium ion batteries and future ion battery technologies Rechargeable Ion Batteries provides informative and comprehensive coverage of the subject to interested researchers academics and professionals in various fields including materials science electrochemistry physical chemistry mechanics engineering recycling and industry including the battery manufacturers and supply chain ancillaries automotive aerospace and marine sectors energy storage installers and environmental stakeholders

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