



Electric Vehicle Technology Explained

By James Larminie, John Lowry

[Download now](#)

[Read Online](#) 

Electric Vehicle Technology Explained By James Larminie, John Lowry

While the classic battery electric car continues to make only a small impact on the automobile market, other types of electric vehicle, especially hybrids, have made significant and promising improvements. Moreover, small battery electric vehicles such as bicycles and mobility aids are also developing well. Presenting more than 160 diagrams and pictures, this book explains the science and technology behind these important developments, and also introduces the issues that underpin the design and performance modelling of electric vehicles.

Electric Vehicle Technology Explained:

- Encompasses a full range of electric vehicles: bicycles, mobility aids, delivery vehicles and buses – not just cars.
- Covers all the basic technology relating to electric road vehicles – batteries, super capacitors, flywheels, fuel cells, electric motors and their controllers, and system design.
- Considers the environmental benefits and disadvantages of electric vehicles and their component devices.
- Includes case studies of a range of batteries, hybrids and fuel cell powered vehicles, from bicycles to buses.
- Offers many MATLAB® examples explaining the design of appropriate computer prediction models.

Professionals, researchers and engineers in the electric vehicle industry as well as advanced students in electrical and mechanical engineering will benefit from this comprehensive coverage of electric vehicle technology.

 [Download Electric Vehicle Technology Explained ...pdf](#)

 [Read Online Electric Vehicle Technology Explained ...pdf](#)

Electric Vehicle Technology Explained

By James Larminie, John Lowry

Electric Vehicle Technology Explained By James Larminie, John Lowry

While the classic battery electric car continues to make only a small impact on the automobile market, other types of electric vehicle, especially hybrids, have made significant and promising improvements. Moreover, small battery electric vehicles such as bicycles and mobility aids are also developing well. Presenting more than 160 diagrams and pictures, this book explains the science and technology behind these important developments, and also introduces the issues that underpin the design and performance modelling of electric vehicles.

Electric Vehicle Technology Explained:

- Encompasses a full range of electric vehicles: bicycles, mobility aids, delivery vehicles and buses – not just cars.
- Covers all the basic technology relating to electric road vehicles – batteries, super capacitors, flywheels, fuel cells, electric motors and their controllers, and system design.
- Considers the environmental benefits and disadvantages of electric vehicles and their component devices.
- Includes case studies of a range of batteries, hybrids and fuel cell powered vehicles, from bicycles to buses.
- Offers many MATLAB® examples explaining the design of appropriate computer prediction models.

Professionals, researchers and engineers in the electric vehicle industry as well as advanced students in electrical and mechanical engineering will benefit from this comprehensive coverage of electric vehicle technology.

Electric Vehicle Technology Explained By James Larminie, John Lowry Bibliography

- Sales Rank: #2174790 in eBooks
- Published on: 2008-02-07
- Released on: 2008-02-07
- Format: Kindle eBook

 [Download Electric Vehicle Technology Explained ...pdf](#)

 [Read Online Electric Vehicle Technology Explained ...pdf](#)

Download and Read Free Online Electric Vehicle Technology Explained By James Larminie, John Lowry

Editorial Review

Review

"...a comprehensive review...logically laid out...accessible to readers at different levels of technical knowledge..." (IEE Review, June 2004)

From the Back Cover

While the classic battery electric car continues to make only a small impact on the automobile market, other types of electric vehicle, especially hybrids, have made significant and promising improvements. Moreover, small battery electric vehicles such as bicycles and mobility aids are also developing well. Presenting more than 160 diagrams and pictures, this book explains the science and technology behind these important developments, and also introduces the issues that underpin the design and performance modelling of electric vehicles.

Electric Vehicle Technology Explained:

- Encompasses a full range of electric vehicles: bicycles, mobility aids, delivery vehicles and buses – not just cars.
- Covers all the basic technology relating to electric road vehicles – batteries, super capacitors, flywheels, fuel cells, electric motors and their controllers, and system design.
- Considers the environmental benefits and disadvantages of electric vehicles and their component devices.
- Includes case studies of a range of batteries, hybrids and fuel cell powered vehicles, from bicycles to buses.
- Offers many MATLAB® examples explaining the design of appropriate computer prediction models.

Professionals, researchers and engineers in the electric vehicle industry as well as advanced students in electrical and mechanical engineering will benefit from this comprehensive coverage of electric vehicle technology.

Users Review

From reader reviews:

Michael Greene:

Information is provisions for folks to get better life, information these days can get by anyone on everywhere. The information can be a expertise or any news even an issue. What people must be consider whenever those information which is within the former life are challenging be find than now is taking seriously which one is acceptable to believe or which one often the resource are convinced. If you receive the unstable resource then you obtain it as your main information you will have huge disadvantage for you. All of those possibilities will not happen throughout you if you take Electric Vehicle Technology Explained as the daily resource information.

Elvia Ecklund:

Reading a book can be one of a lot of task that everyone in the world enjoys. Do you like reading book thus. There are a lot of reasons why people like it. First reading a guide will give you a lot of new facts. When you read a publication you will get new information mainly because book is one of numerous ways to share the information as well as their idea. Second, studying a book will make you more imaginative. When you reading a book especially hype book the author will bring someone to imagine the story how the figures do it anything. Third, you could share your knowledge to some others. When you read this Electric Vehicle Technology Explained, you are able to tells your family, friends in addition to soon about yours publication. Your knowledge can inspire different ones, make them reading a e-book.

Jose Roberts:

Reading a guide tends to be new life style with this era globalization. With reading through you can get a lot of information that may give you benefit in your life. Along with book everyone in this world could share their idea. Books can also inspire a lot of people. Plenty of author can inspire their reader with their story or maybe their experience. Not only the storyline that share in the publications. But also they write about advantage about something that you need case in point. How to get the good score toefl, or how to teach your kids, there are many kinds of book that exist now. The authors these days always try to improve their expertise in writing, they also doing some exploration before they write to their book. One of them is this Electric Vehicle Technology Explained.

Luis Poole:

A lot of people said that they feel uninterested when they reading a reserve. They are directly felt it when they get a half elements of the book. You can choose the book Electric Vehicle Technology Explained to make your personal reading is interesting. Your own skill of reading ability is developing when you like reading. Try to choose simple book to make you enjoy to see it and mingle the impression about book and reading through especially. It is to be very first opinion for you to like to start a book and study it. Beside that the e-book Electric Vehicle Technology Explained can to be your friend when you're feel alone and confuse in doing what must you're doing of their time.

**Download and Read Online Electric Vehicle Technology Explained
By James Larminie, John Lowry #4Y8G1H0MFA3**

Read Electric Vehicle Technology Explained By James Larminie, John Lowry for online ebook

Electric Vehicle Technology Explained By James Larminie, John Lowry Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Electric Vehicle Technology Explained By James Larminie, John Lowry books to read online.

Online Electric Vehicle Technology Explained By James Larminie, John Lowry ebook PDF download

Electric Vehicle Technology Explained By James Larminie, John Lowry Doc

Electric Vehicle Technology Explained By James Larminie, John Lowry Mobipocket

Electric Vehicle Technology Explained By James Larminie, John Lowry EPub

4Y8G1H0MFA3: Electric Vehicle Technology Explained By James Larminie, John Lowry